Restraints

Restraints

Special Tools 23-2

Seat Belts

Component Location Index 23-3
Front Seat Belt Replacement 23-4
Rear Seat Belt Replacement 23-6
Inspection 23-8
Child Seat Tether Anchor Removal/Installation 23-9

SRS (Supplemental Restraint System)

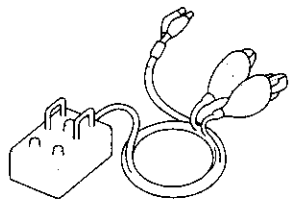
Component Location Index 23-13
Precautions and Procedures 23-14
General Troubleshooting Information 23-23
DTC Troubleshooting Index 23-28
Symptom Troubleshooting Index 23-30
System Description 23-31
Circuit Diagram 23-34
DTC Troubleshooting 23-36
SRS Indicator Circuit Troubleshooting 23-105
Component Replacement/Inspection After Deployment 23-112
Driver's Airbag Replacement 23-113
Front Passenger's Airbag Replacement 23-114
Side Airbag Replacement 23-115
Airbag Disposal 23-116
Cable Reel Replacement 23-119
SRS Unit Replacement 23-122
Side Impact Sensor Replacement 23-123
OPDS Unit Replacement 23-124
Front Impact Sensor Replacement 23-125

Special Tools

Ref.No.	Tool Number	Description	Qty
①*1	07HAZ-SG00500	Deployment Tool	1
②	07PAZ-0010100	SCS Service Connector	1
③	07SAZ-TB4011A	SRS Inflator Simulator	1
④	07TAZ-SZ5011A	SRS Simulator Lead C	1
⑤*2	07TAZ-001020A	Backprobe Adapter, 17 mm	2
⑥	07XAZ-S1A0200	SRS Simulator Lead E	1
⑦	07XAZ-SZ30100	SRS Simulator Lead F	1
⑧	07YAZ-S3AA100	SRS Simulator Lead H	1

*1: Included in SRS Tool Set 07MAZ-SM5000B

*2: Use with the stacking patch cords from T/N 07SAZ-001000A, Backprobe Set.



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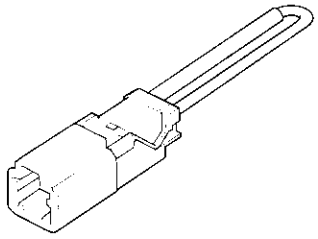

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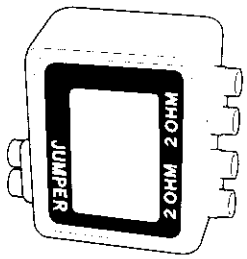

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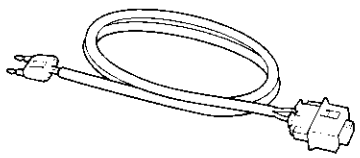

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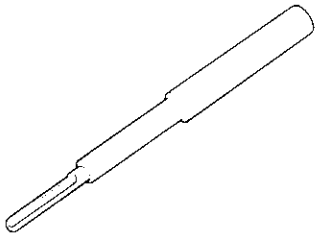

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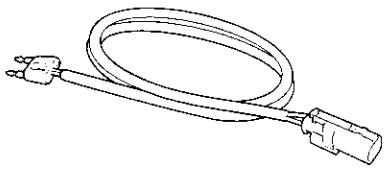

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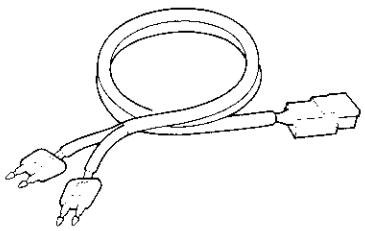

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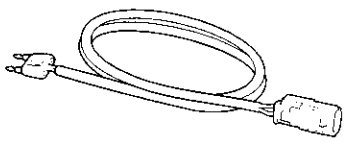

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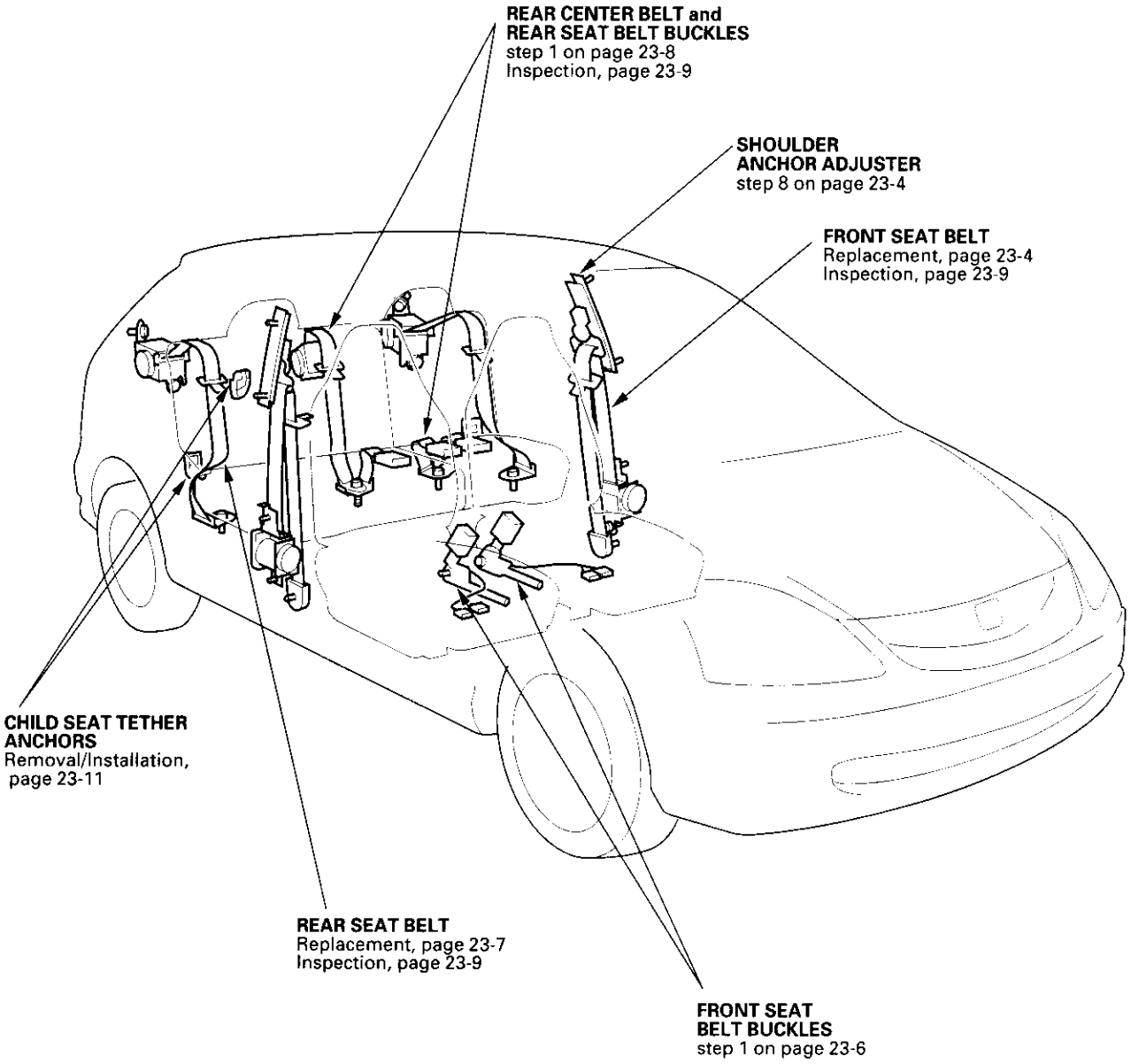
Component Location Index



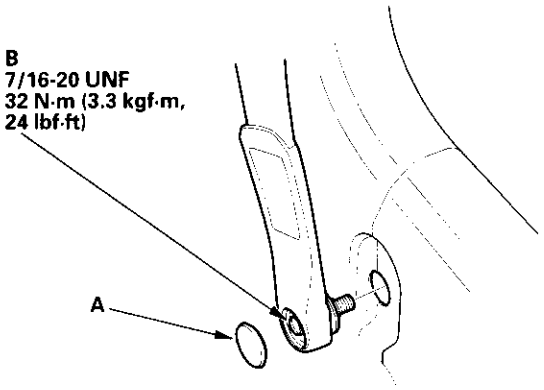
Front Seat Belt Replacement

SRS components are located in this area. Review the SRS component locations (see page 23-13) and the precautions and procedures (see page 23-14) in the SRS section before performing repairs or service.

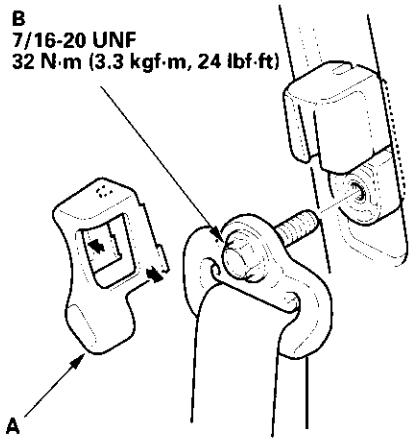
NOTE: Check the front seat belts for damage, and replace them if necessary. Be careful not to damage them during removal and installation.

Front Seat Belt

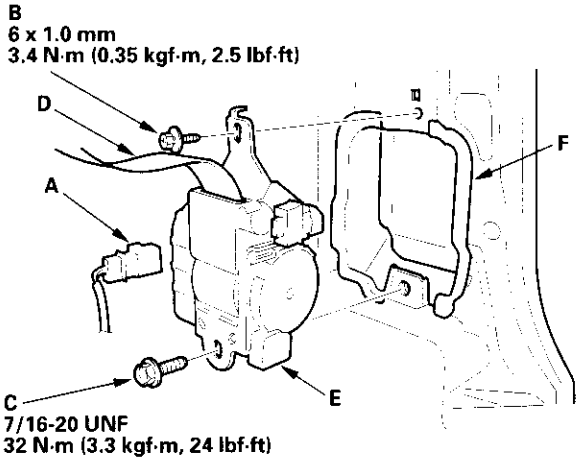
1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery, and wait at least 3 minutes before beginning work.
3. Slide the front seat forward fully.
4. Remove the lower anchor cap (A), and remove the lower anchor bolt (B).



5. Remove the rear side trim panel (see page 20-51).
6. Remove the upper anchor cover (A), and remove the upper anchor bolt (B).



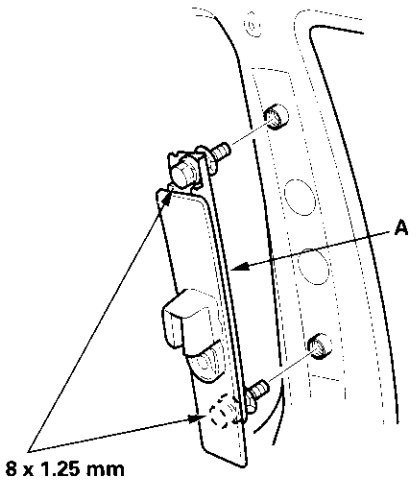
7. Disconnect the seat belt tensioner connector (A). Remove the retractor mounting self-tapping ET screw (B), and the retractor bolt (C), then remove the front seat belt (D) and retractor (E).



8. If necessary, remove the front seat belt protector (F).

9. Remove the B-pillar upper trim (see page 20-50)

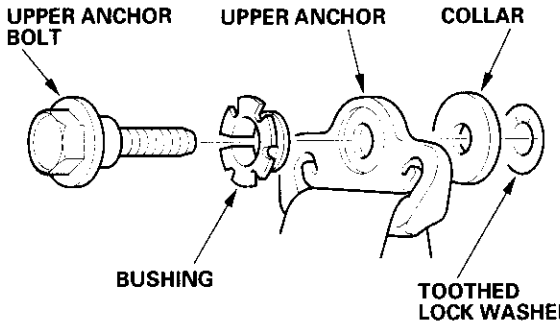
10. Remove the shoulder anchor adjuster(A).



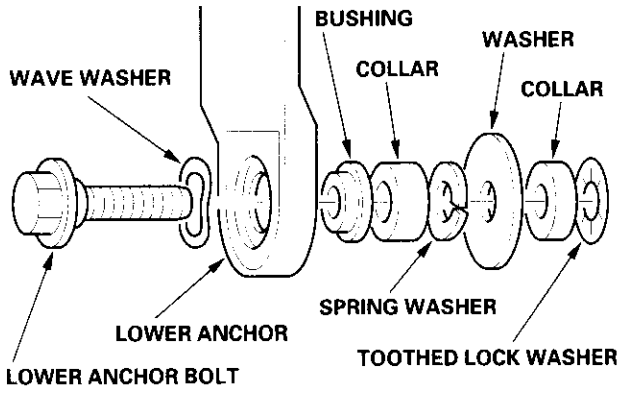
11. Install the seat belt in the reverse order of removal, and note these items:

- If the threads on the retractor mounting self-tapping ET screw are worn out, use an oversized self-tapping ET screw (P/N 90133-SZ4-0030) made specifically for this application.
- Check that the retractor locking mechanism functions (see page 23-9).
- Assemble the washers, collars, and bushing on the upper and lower anchor bolts as shown.
- If the seat belt tensioner has been deployed replace the front seat belt protector with a new one.
- Apply liquid thread lock to the anchor bolts before reinstallation.
- Before installing the anchor bolts, make sure there are no twists or kinks in the front seat belt.
- Make sure the seat belt tensioner connector is plugged in properly.
- Reconnect the negative cable to the battery.
- Enter the anti-theft code for the radio, then enter the customer's radio station presets.
- Reset the clock.
- Do the ECM/PCM idle learn procedure (see page 11-139).

Upper anchor bolt construction:



Lower anchor bolt construction:

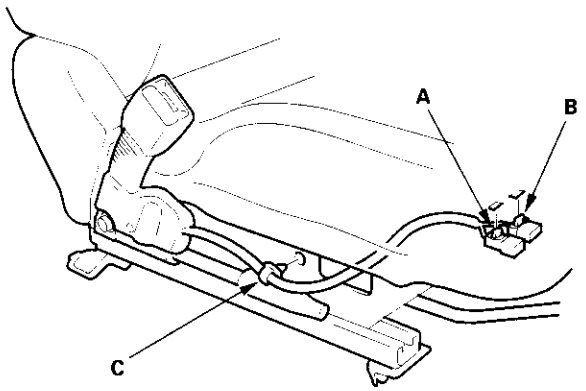


(cont'd)

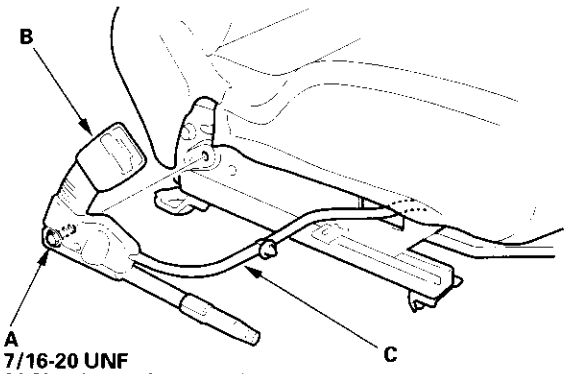
Front Seat Belt Replacement (cont'd)

Seat Belt Buckle

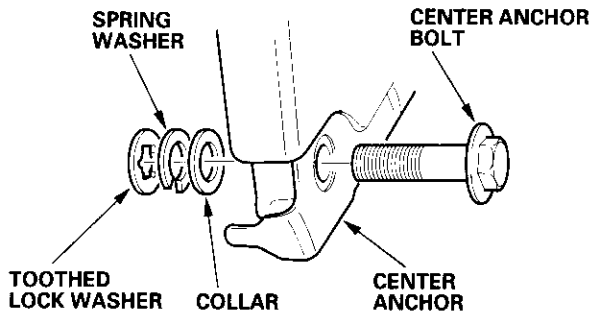
1. Make sure you have the anti-theft code for the radio, then write down the frequencies for the preset buttons.
2. Disconnect the negative cable from the battery , and wait at least 3 minutes before beginning work.
3. Remove the front seat (see page 20-71).
4. Detach the seat belt switch connector clip (A), seat belt buckle tensioner connector clip (B), and harness clip (C).



5. Remove the center anchor bolt (A), and remove the seat belt buckle (B).



6. Pull the seat belt switch/tensioner harness (C) out through the hole on the seat track.
7. Install the buckle in the reverse order of removal, and note these items:
   - Assemble the washers on the center anchor bolt as shown.
   - Apply liquid thread lock to the center anchor bolt before reinstallation.
   - If the seat belt tensioner has been deployed, replace the front seat belt protector with a new one.
   - Apply liquid thread lock to the seat mounting bolts before reinstallation
   - Reconnect the negative cable to the battery.
   - Enter the anti-theft code for the radio, then enter the customer's radio station presets.
   - Reset the clock.
   - Do the ECM/PCM idle learn procedure (see page 11-139).

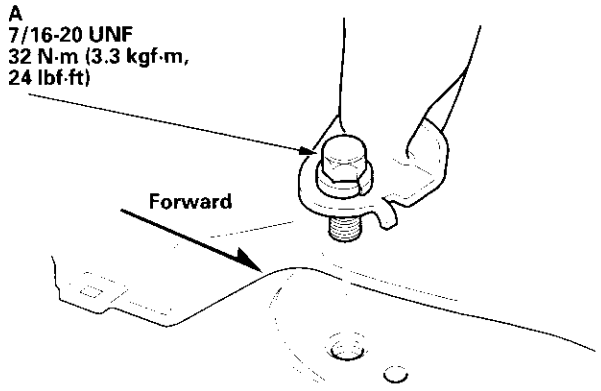


Rear Seat Belt Replacement

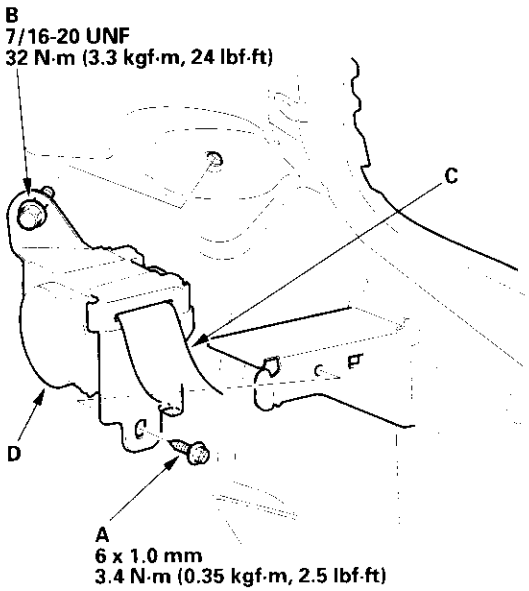
NOTE: Check the rear seat belts for damage, and replace them if necessary. Be careful not to damage them during removal and installation.

Rear Seat Belt

1. Remove the rear seat cushion (see page 20-80).
2. Remove the lower anchor bolt (A).



3. Remove the rear side trim panel (see page 20-51).
4. Remove the retractor mounting self-tapping ET screw (A), and the retractor bolt (B), then remove the rear seat belt (C) and retractor (D).



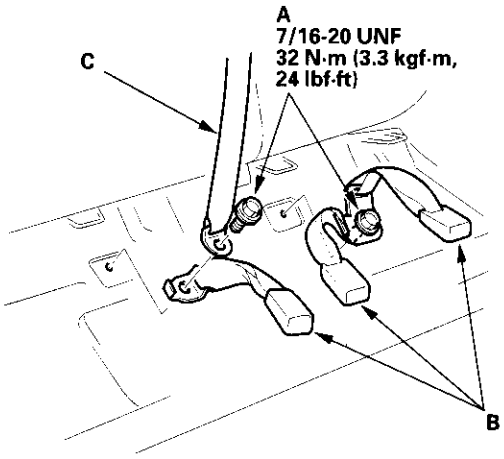
5. Install the seat belt in the reverse order of removal, and note these items:
   - If the threads on the retractor mounting self-tapping ET screw are worn out, use an oversized self-tapping ET screw (P/N 90133-SZ4-0030) made specifically for this application.
   - Apply liquid thread lock to the anchor bolt before reinstallation.
   - Check that the retractor locking mechanism functions (see page 23-9).
   - Before installing the anchor bolt, make sure there are no twists or kinks in the rear seat belt.

(cont'd)

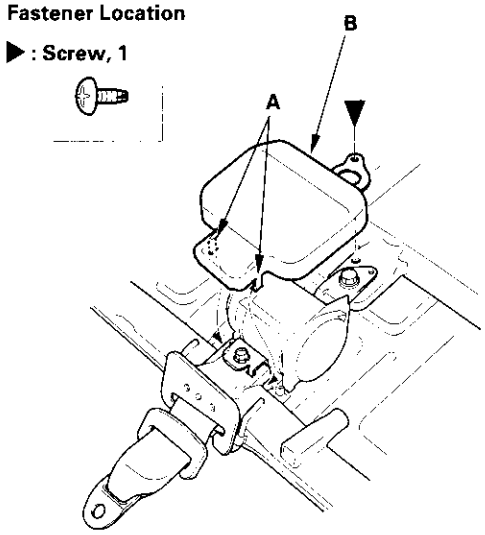
Rear Seat Belt Replacement (cont'd)

Center Belt and Seat Belt Buckles

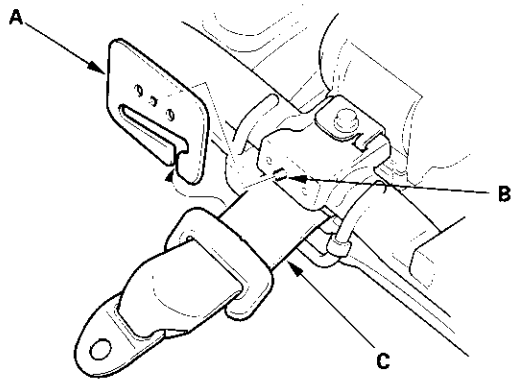
1. Remove the seat cushion (see page 20-80).
2. Remove the center anchor bolts (A), and remove the seat belt buckles (B) and center belt (C).



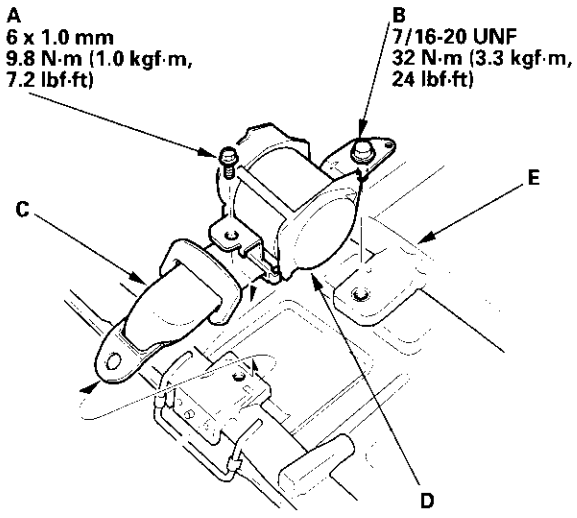
3. Remove the right seat-back (see page 20-80).
4. Remove the seat-back cover (see page 20-82).
5. Remove the seat-back pad from the seat-back frame (see step 3 on page 20-81).
6. Remove the screw, and release the hooks (A), then remove the retractor cover (B).



7. Remove the seat belt guide (A) from the pin (B), and release the center belt (C) from the seat belt guide.



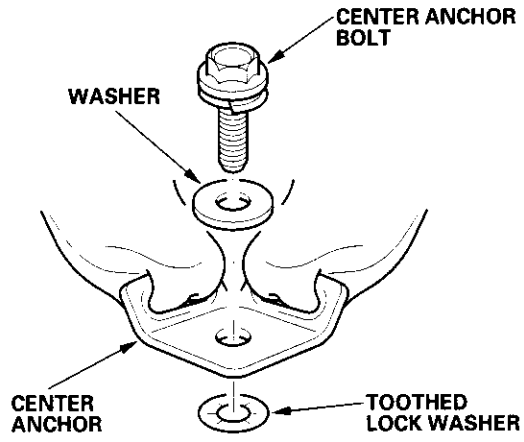
8. Remove the retractor mounting bolt (A), and the retractor bolt (B), then remove the center belt (C) and retractor (D) from the seat-back frame (E).



9. Install the seat belt and buckles in the reverse order of removal, and note these items:

   - Check that the retractor locking mechanism functions (see step 1 on page 23-10).
   - Assemble the washers on the center anchor bolt as shown (except center shoulder belt).
   - Apply liquid thread lock to the anchor bolts before reinstallation.
   - Before installing the center anchor bolt, make sure there are no twists or kinks in the center belt.

Center anchor bolt construction:



Inspection

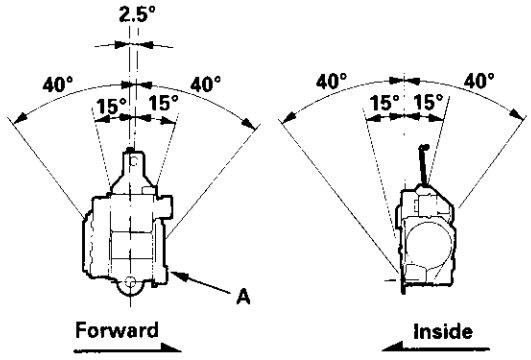
For front seat belt retractors with seat belt tensioners, review the SRS component locations (see page 23-13) and the precautions and procedures (see page 23-14) in the SRS section before performing repairs or service.

Retractor, Front and Rear

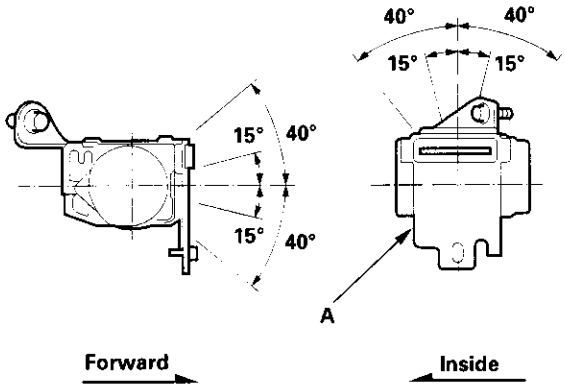
1. Before installing the retractor, check that the seat belt can be pulled out freely.

2. Make sure that the seat belt does not lock when the retractor (A) is leaned slowly up to 15° from the mounted position. The seat belt should lock when the retractor is leaned over 40°. Do not attempt to disassemble the retractor.

Front:



Rear:



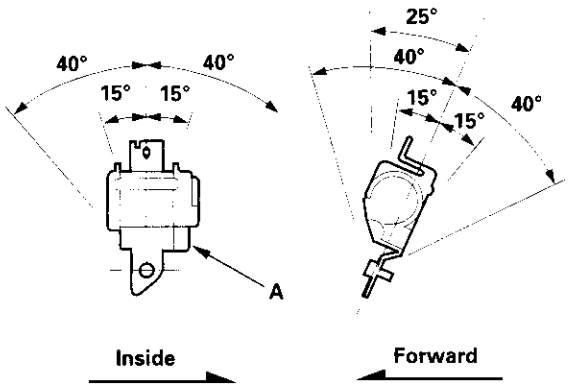
3. Replace the seat belt with a new assembly if there is any abnormality. Do not disassemble any part of the seat belt for any reason.

(cont'd)

Inspection (cont'd)

Retractor, Rear Center

1. Before installing the retractor, check that the seat belt can be pulled out freely.
2. Make sure that the seat belt does not lock when the retractor (A) is leaned slowly up to 15° from the mounted position.



3. Lean the retractor over 40°, and make sure that the seat belt does not lock when pulled out over 900 mm (35.4 in.). Do not attempt to disassemble the retractor.
4. Replace the seat belt with a new assembly if there is any abnormality. Do not disassemble any part of the seat belt for any reason.

In-vehicle

1. Check that the seat belt is not twisted or caught on anything.
2. After installing the anchors, check for free movement on the anchor bolts. If necessary, remove the anchor bolts and check that the washers and other parts are not damaged or improperly installed.
3. Check the seat belts for damage or discoloration. Clean with a shop towel if necessary. Use only soap and water to clean.

   NOTE: Dirt build-up in the loops of the upper anchors can cause the seat belts to retract slowly. Wipe the inside of the loops with a clean cloth dampened in isopropyl alcohol.
4. Check that the seat belt does not lock when pulled out slowly. The seat belt is designed to lock only during a sudden stop or impact.
5. For rear center shoulder belt, check that the seat belt locks when pulled out over 400 mm (15.7 in.) with the seat-back folded down.
6. Make sure that the seat belt will retract automatically when released.
7. For each passenger's seat belt, check the seat belt retractor locking mechanism ALR (automatic locking retractor). This function is for securing child seats.

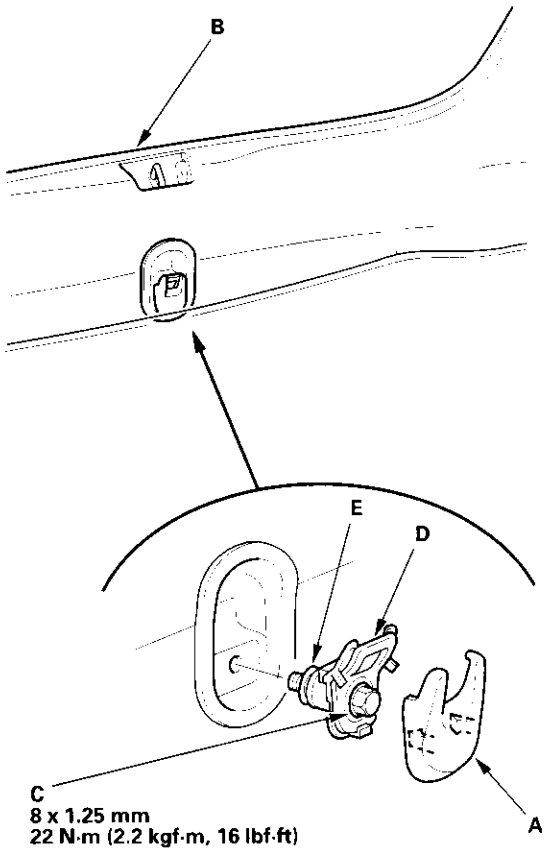
   -1 Pull the seat belt all the way out to engage the ALR. The seat belt should retract with a ratcheting sound, but not extend. This is normal.

   -2 To disengage the ALR, release the seat belt and allow it to fully retract, then pull the seat belt out part-way. The seat belt should retract and extend normally.
8. Replace the seat belt with a new assembly if there is any abnormality. Do not disassemble any part of the seat belt for any reason.

Child Seat Tether Anchor Removal/Installation

Middle

1. Remove the child seat tether anchor cover (A) in the rear trim panel (B).



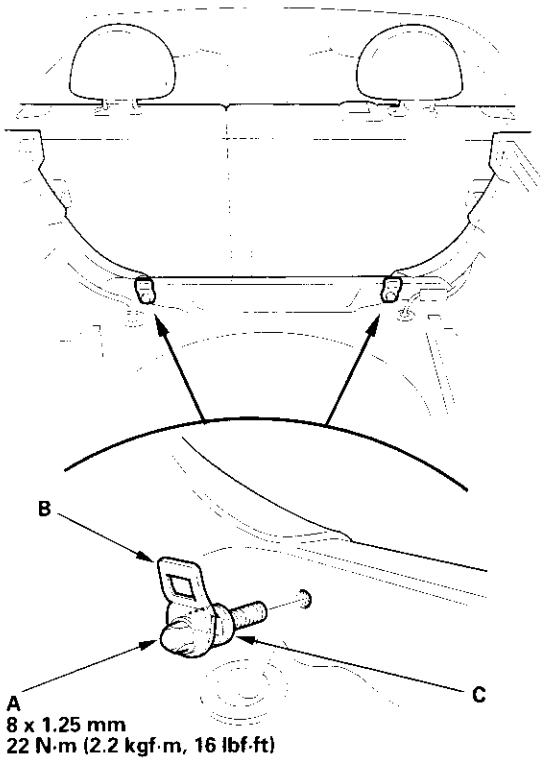
2. Remove the anchor bolt (C), then remove the child seat tether anchor (D). Do not remove the toothed washer (E) from the tether anchor.

3. Install the anchor in the reverse order of removal.

Side

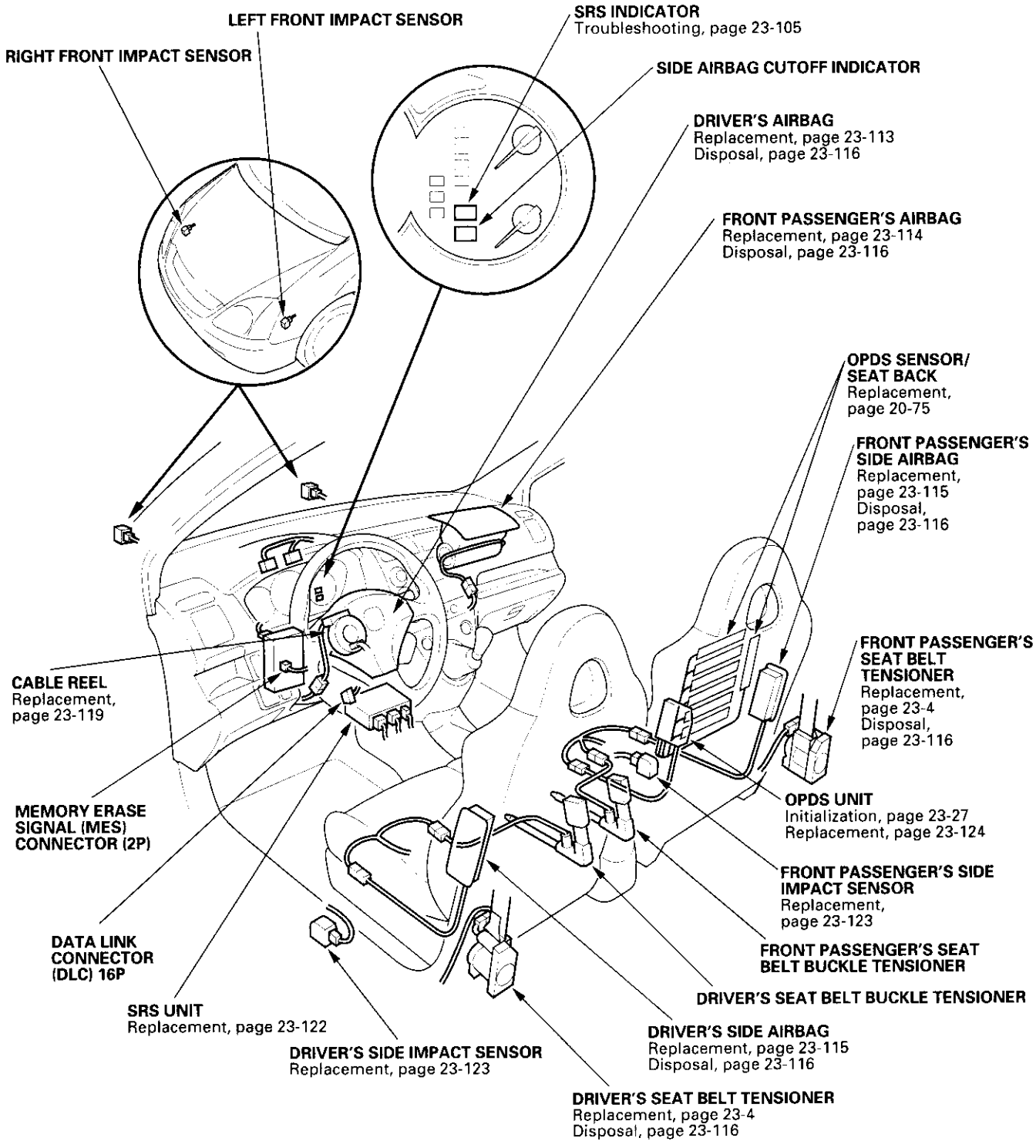
1. Remove the rear bulkhead covers from both sides (see page 20-51).

2. Remove the anchor bolt (A), then remove the child seat tether anchor (B) from behind the seat-back on each side of the cargo compartment. Do not remove the toothed washer (C) from the tether anchor.



3. Install the anchors in the reverse order of removal.

Component Location Index

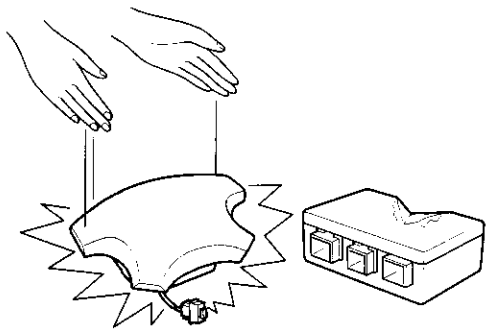


Precautions and Procedures

General Precautions

Please read the following precautions carefully before performing airbag system service. Observe the instructions described in this manual, or the airbags could accidentally deploy and cause damage or injuries.

- Except when performing electrical inspections, always turn the ignition switch OFF, disconnect the negative cable from the battery, and wait at least 3 minutes before beginning work.
  NOTE: The memory is not erased even if the ignition switch is turned OFF or the battery cables are disconnected from the battery.
- Use replacement parts which are manufactured to the same standards and quality as the original parts. Do not install used SRS parts from another vehicle. Use only new parts when making SRS repairs.
- Carefully inspect any SRS part before you install it. Do not install any part that shows signs of being dropped or improperly handled, such as dents, cracks, or deformation.



- Before removing any SRS parts (including the disconnection of connectors), always disconnect the SRS connector.
- Use only a digital multimeter to check the system. If it is not a Honda multimeter, make sure its output is 10 mA (0.01A) or less when switched to the lowest value in the ohmmeter range. A tester with a higher output could cause accidental deployment and possible injury.
- Do not put objects on the front passenger's airbag.
- The original radio has a coded theft protection circuit. Be sure to get the customer's radio code and write down the frequencies for the radio's preset stations before disconnecting the battery cable.
- Before returning the vehicle to the customer, enter the radio code, then enter the customer's radio station presets, and set the clock. Do the engine control module (ECM) idle learn procedure (see page 11-139).

Steering-related Precautions

Cable Reel Alignment

- Misalignment of the cable reel could cause an open in the wiring, making the SRS system and the horns inoperative. Center the cable reel whenever the following is performed (see step 6 on page 23-121).

  - Installation of the steering wheel
  - Installation of the cable reel
  - Installation of the steering column
  - Other steering-related adjustment or installation

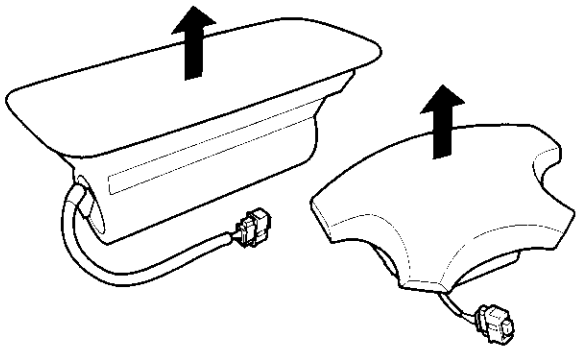
- Do not disassemble the cable reel.
- Do not apply grease to the cable reel.
- If the cable reel shows any signs of damage or contamination, replace it with a new one. For example, it does not rotate smoothly.

Airbag Handling and Storage

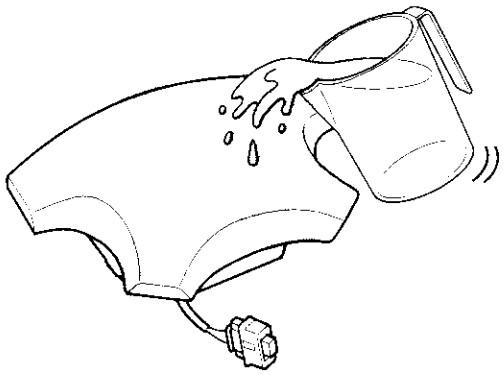
Do not disassemble an airbag. It has no serviceable parts. Once an airbag has been deployed, it cannot be repaired or reused.

For temporary storage of an airbag during service, observe the following precautions.

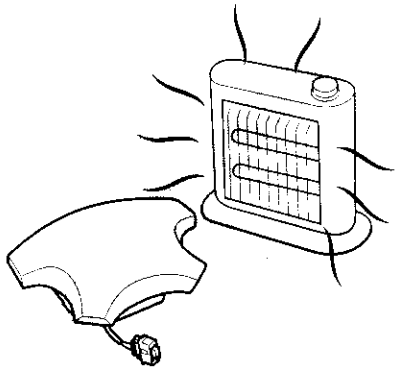
- Store the removed airbag with the pad surface up. Never put anything on the airbag.



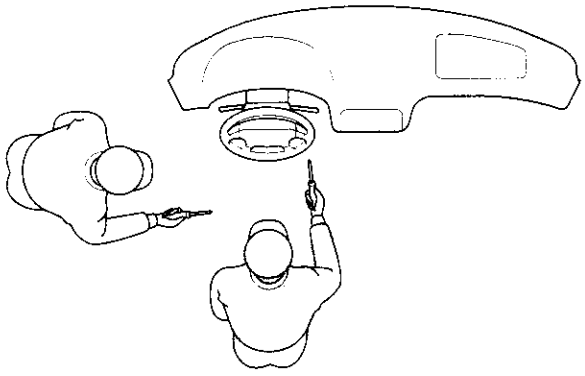
- To prevent damage to the airbag, keep it free from any oil, grease, detergent, or water.



- Store the removed airbag on a secure, flat surface away from any high heat source (exceeding 200°F/ 93°C).



- Never perform electrical inspections to the airbags, such as measuring resistance.
- Do not position yourself in front of the airbag during removal, inspection, or replacement.



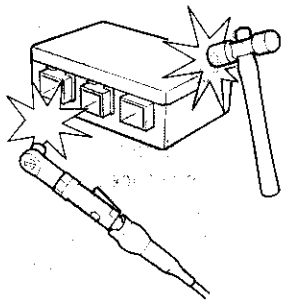
- Refer to the scrapping procedures for disposal of a damaged airbag.

(cont'd)

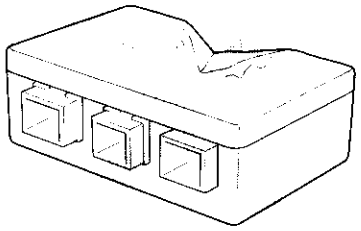
Precautions and Procedures (cont'd)

SRS Unit, Front Impact Sensors, and Side Impact Sensors

- Be careful not to bump or impact the SRS unit, front impact sensors, or side impact sensors whenever the ignition switch is ON (II), or for at least 3 minutes after the ignition switch is turned OFF.
- During installation or replacement, be careful not to bump (by impact wrench, hammer, etc.) the area around the SRS unit, front impact sensors, and side impact sensor. The airbags could accidentally deploy and cause damage or injury.



- After a collision in which any airbags or seat belt tensioners were deployed, replace the SRS unit, front impact sensors, and other related components (see page 23-112). After a collision in which a side airbag was deployed, replace the side impact sensor on the deployed side and the SRS unit. After a collision in which the airbags or the side airbags did not deploy, inspect for any damage or any deformation on the SRS unit, front impact sensors, and the side impact sensors. If there is any damage, replace the SRS unit and/or the sensors.

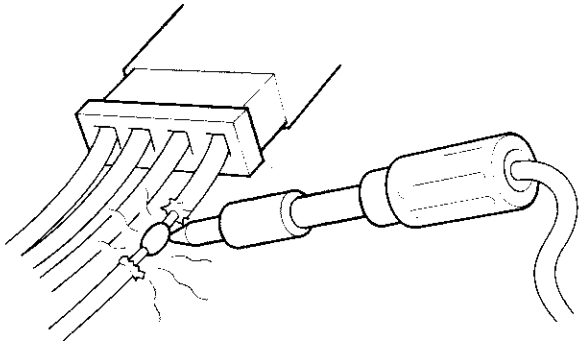


- Do not disassemble the SRS unit, front impact sensors, or side impact sensors.
- Turn the ignition switch OFF, disconnect the battery negative cable, and wait at least 3 minutes before beginning installation or replacement of the SRS unit, or disconnecting the connectors from the SRS unit.
- Be sure the SRS unit, front impact sensors, and side impact sensors are installed securely, with the mounting bolts torqued to 9.8 N·m (1.0 kgf·m, 7.2 lbf·ft)
- Do not spill water or oil on the SRS unit, front impact sensors, or the side impact sensors, and keep them away from dust.
- Store the SRS unit, front impact sensors and side impact sensors in a cool (less than 104°F/40°C) and dry (less than 80 % relative humidity, no moisture) area.

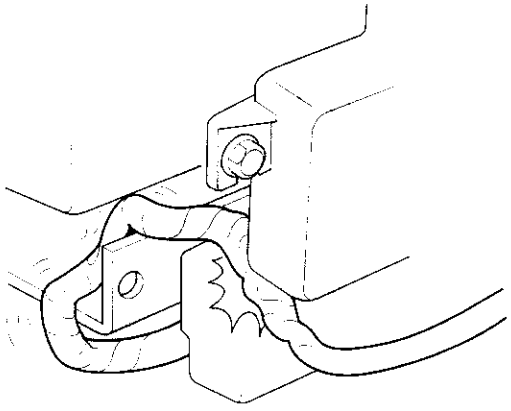
Wiring Precautions

Some of the SRS wiring can be identified by a special yellow outer covering, and the SRS connectors can be identified by their yellow color.
Observe the instructions described in this section.

- Never attempt to modify, splice, or repair SRS wiring. If there is an open or damage in SRS wiring, replace the harness.



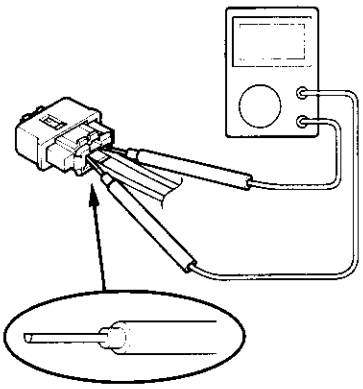
- Be sure to install the harness wires so they do not get pinched or interfere with other parts.



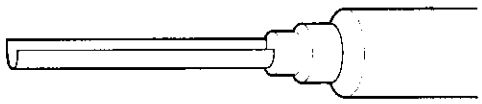
- Make sure all SRS ground locations are clean, and grounds are securely fastened for optimum metal-to-metal contact. Poor grounding can cause intermittent problems that are difficult to diagnose.

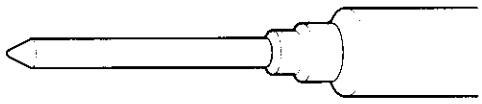
Precautions for Electrical Inspections

- When using electrical test equipment, insert the probe of the tester into the wire side of the connector. Do not insert the probe of the tester into the terminal side of the connector, and do not tamper with the connector.



- Use a U-shaped probe. Do not insert the probe forcibly.





- Use specified service connectors in troubleshooting. Using improper tools could cause an error in inspection due to poor metal-to-metal contact.

(cont'd)

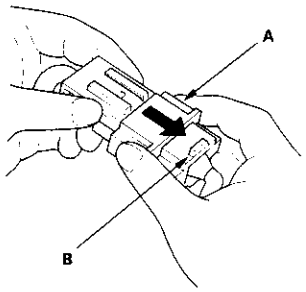
Precautions and Procedures (cont'd)

Spring-loaded Lock Connector

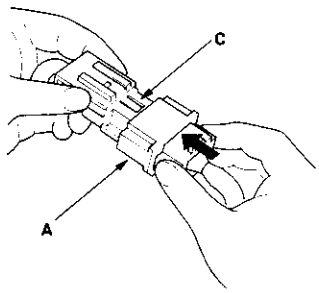
Some SRS system connectors have a spring-loaded lock.

Front Airbag Connectors:

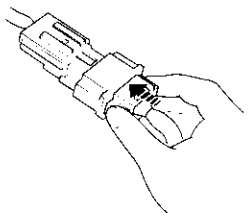
Disconnecting
To release the lock, pull the spring-loaded sleeve (A) toward the stop (B) while holding the opposite half of the connector. Then pull the connector halves apart. Be sure to pull on the sleeve and not on the connector.



Connecting
1. To reconnect, hold the pawl-side connector, and press on the back of the sleeve-side connector in the direction shown. As the two connector halves are pressed together, the sleeve (A) is pushed back by the pawl (C). Do not touch the sleeve.

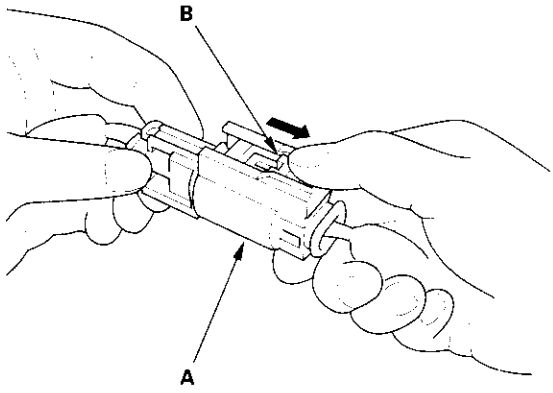


2. When the connector halves are completely connected, the pawl is released, and the spring-loaded sleeve locks the connector.

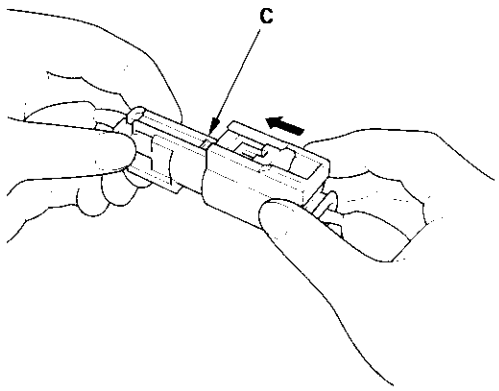


Side Airbag Connector:

Disconnecting
To release the lock, pull the spring-loaded sleeve (A) and the slider (B) while holding the opposite half of the connector. Then pull the connector halves apart. Be sure to pull on the sleeve and not on the connector half.



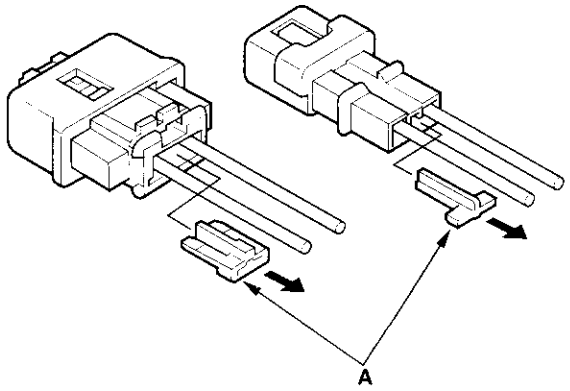
Connecting
Hold both connector halves, and press them firmly together until the projection (C) of the sleeve-side connector clicks.



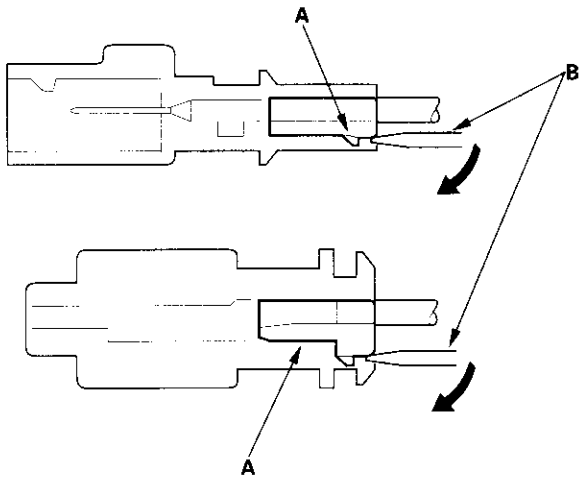
Backprobing Spring-loaded Lock Connectors

When checking voltage or resistance on this type of connector the first time, you must remove the retainer to insert the tester probe from the wire side.

NOTE: It is not necessary to reinstall the removed retainer; the terminals will stay locked in the connector housing.

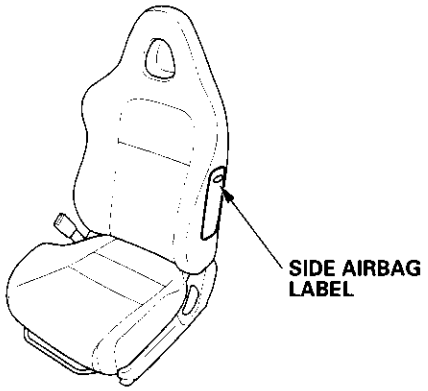


To remove the retainer (A), insert a flat-tip screwdriver (B) between the connector body and the retainer, then carefully pry out the retainer. Take care not to break the connector.



Seats with Side Airbags

Seats with side airbags have a "SIDE AIRBAG" label on the seat-back. Because the component parts (seat-back cover, cushion, etc.) of seats with and without airbags are different, make sure you install only the correct replacement parts.



- When cleaning, do not saturate the seat with liquid, and do not spray steam on the seat.
- Do not repair a torn or frayed seat-back cover. Replace the seat-back cover.
- After a collision in which the side airbag was deployed, replace the side airbag with new parts. If the seat-back cushion is split, it must be replaced. If the seat-back frame is deformed, it must be replaced.
- Never put aftermarket accessories on the seat (covers, pads, seat heaters, lights, etc.).

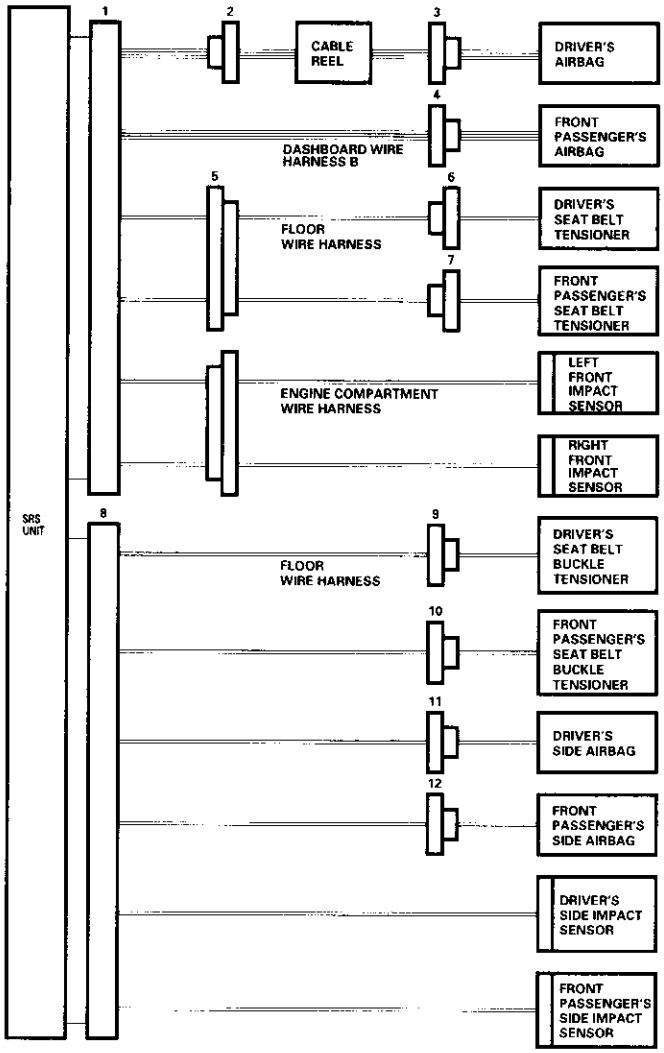
(cont'd)

Precautions and Procedures (cont'd)

Disconnecting System Connectors

Before removing a front airbag, side airbag, or other SRS related devices (the SRS unit, the cable reel, the front impact sensors, the side impact sensors, the seat belt buckle tensioners, and the seat belt tensioner connector), disconnecting connectors from related devices, or removing the dashboard or the steering column, disconnect the airbag connectors or the side airbag connectors to prevent accidental deployment.
Turn the ignition switch OFF, disconnect the negative cable from the battery, and wait at least 3 minutes before beginning the following procedures.

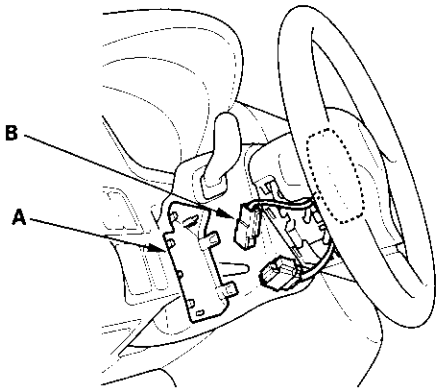
- Before disconnecting SRS unit connector A (1) from the SRS unit, disconnect the driver's airbag 4P connector (3), the front passenger's airbag 4P connector (4), the driver's seat belt tensioner 2P connector (6), and the front passenger's seat belt tensioner 2P connector (7).
- Before disconnecting SRS unit connector B (8) from the SRS unit, disconnect both side airbag 2P connectors (11, 12), and both seat belt buckle tensioner 4P connectors (9, 10).
- Before disconnecting the cable reel 4P connector (2), disconnect the driver's airbag 4P connector (3).
- Before disconnecting the floor wire harness 4P connector (5), disconnect both seat belt tensioner 2P connectors (6, 7).



1. Disconnect the battery negative cable, and wait at least 3 minutes.

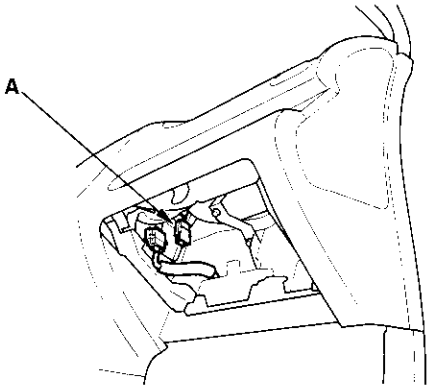
Driver's Airbag

2. Remove the access panel (A) from the steering wheel, then disconnect the driver's airbag 4P connector (B) from the cable reel.



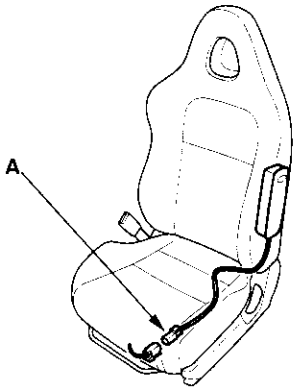
Front Passenger's Airbag

3. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



Side Airbag

4. Disconnect both side airbag 2P connectors (A) from the floor wire harness.

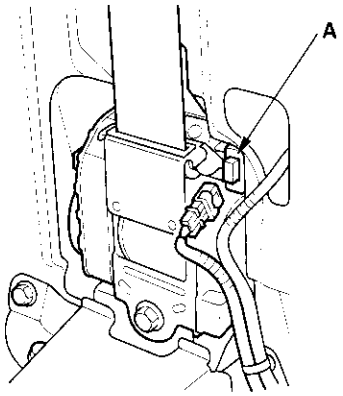


(cont'd)

Precautions and Procedures (cont'd)

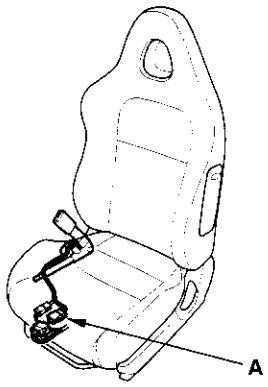
Seat Belt Tensioner

5. Disconnect both seat belt tensioner 2P connectors (A) from the floor wire harness.



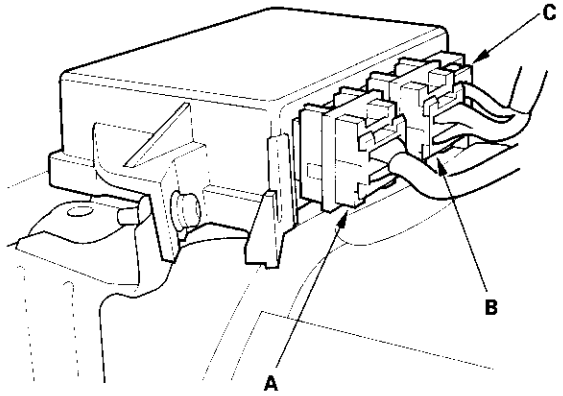
Seat Belt Buckle Tensioner

6. Disconnect both seat belt buckle tensioner 4P connectors (A).



SRS Unit

7. Disconnect SRS unit connector A, SRS unit connector B, and/or SRS unit connector C from the SRS unit.



General Troubleshooting Information

DTC (Diagnostic Trouble Codes)

The self-diagnostic function of the SRS system allows it to locate the causes of system problems and then store this information in memory. For easier troubleshooting, this data can be retrieved via a data link circuit.

- When you turn the ignition switch ON (II), the SRS indicator will come on. If it goes off after 6 seconds, the system is normal.
- If there is an abnormality, the system locates and defines the problem, stores this information in memory, and turns the SRS indicator on. The data will remain in the memory even when the ignition switch is turned off or if the battery is disconnected.
- When you connect the Honda PGM Tester to the 16P data link connector (DLC) to short the SCS terminal, and turn the ignition switch ON (II), the SRS indicator will indicate the diagnostic trouble code (DTC) by the number of blinks.
- When you connect the Honda PGM Tester to the 16P data link Connector (DLC), you can retrieve the DTC in the Honda Systems "SRS" menu.
- After reading and recording the DTC, proceed with the troubleshooting procedure for this code.

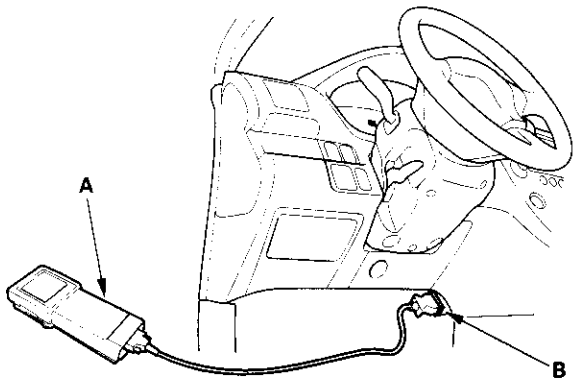
Precautions

- Use only a digital multimeter to check the system. If it's not a Honda multimeter, make sure its output is 10 mA (0.01A) or less when switched to the smallest value in the ohmmeter range. A tester with a higher output could damage the airbag circuit or cause accidental airbag deployment and possible injury.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than 3 minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Before you remove the SRS harness, disconnect the driver's airbag connector, the front passenger's airbag connector, both side airbag connectors, both seat belt buckle tensioner connectors, and both seat belt tensioner connectors.
- Make sure the battery is sufficiently charged. If the battery is dead or low, measuring values won't be correct.
- Do not touch a tester probe to the terminals in the SRS unit or harness connectors, and do not connect the terminals with a jumper wire. Use only the backprobe set and the Honda PGM Tester. Backprobe spring-loaded lock type connectors correctly.

Reading the DTC

When the SRS indicator is on, read the DTC using either of the following methods:

PGM Tester "SRS" Menu Method:
Connect the Honda PGM Tester (A) to the 16P data link connector (DLC)(B), and follow the Tester's prompts in the "SRS" menu.
If the Tester indicates no DTC, no communication, DTC 3-6 to 3-10, DTC 4-6 to 4-10, DTC 9-1, or DTC 9-2, double-check by using the "SCS" menu method.



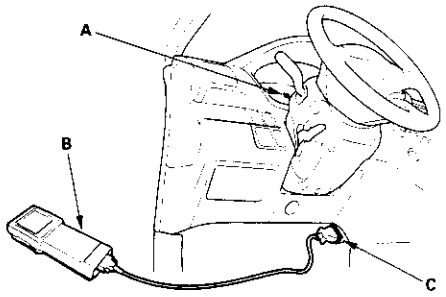
(cont'd)

General Troubleshooting Information (cont'd)

PGM Tester "SCS" Menu Method (retrieving the flash codes):

The SRS indicator (A) indicates the DTC by the number of blinks when the Honda PGM Tester (B) is connected to the DLC (data link connector) (16P) (1).

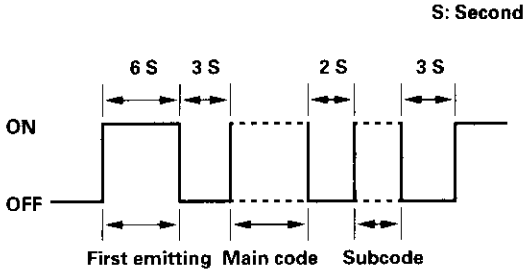
1. Make sure the ignition switch is OFF.
2. Connect the Honda PGM Tester (B) to the DLC (C), and follow the Tester's prompts in the "SCS" menu to ground the SCS line (see the Honda PGM Tester Operator's Manual).



3. Make sure the SCS line is grounded, then turn the ignition switch ON (II). The SRS indicator comes on for about 6 seconds, and then goes off. Then it will blink to indicate the DTC (see the table below).
4. Read the DTC.
5. Turn the ignition switch OFF, and wait for 10 seconds.
6. Disconnect the Honda PGM Tester from the DLC.
7. Do the troubleshooting procedure for the DTC.

Patterns of DTC Indications:

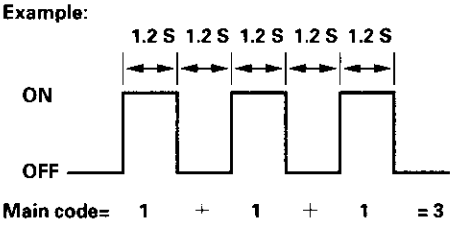
The DTC consists of a main code and subcode.



Reading the main code:

In case of 1~10
Count the number of blinks.

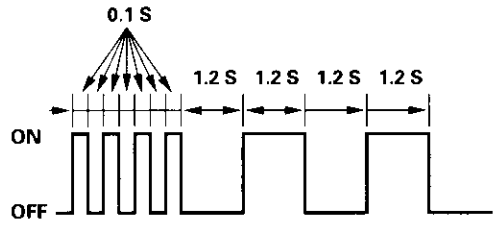
Example:



Main code= 1 + 1 + 1 = 3

In case of 11~15
Four fast blinks count as 10.
Add any further blinks together as shown.

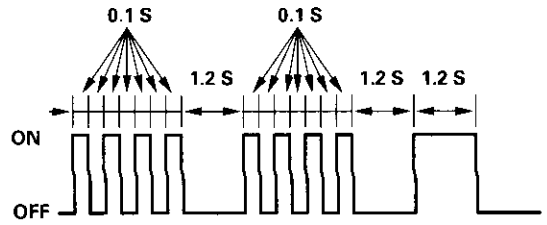
Example:



Main code= 10 + 1 + 1 = 12

In case of 20 or more
Two sets of four fast blinks count as 20.
Add any further blinks together as shown.

Example:

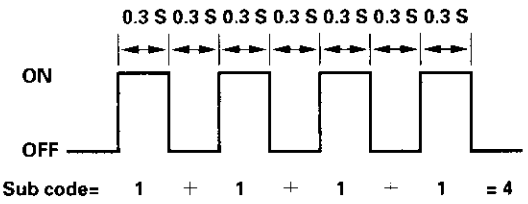


Main code= 10 + 10 + 1 = 21

Reading the subcode:

Count the number of blinks.

Example:

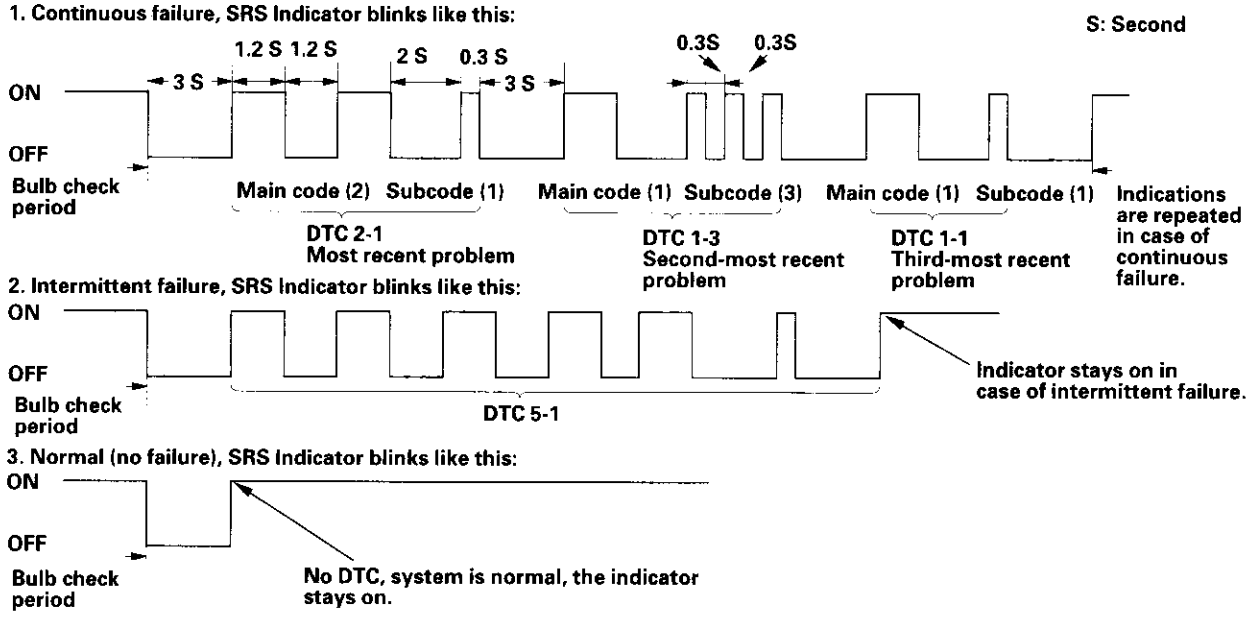


Sub code= 1 + 1 + 1 + 1 = 4

If the main code is '3', and the subcode is '4', record a DTC 3-4.

- Including the most recent problem, up to three different DTCs can be indicated (see example 1 below).
- In case of a continuous failure, the DTC will be indicated repeatedly (see example 1 below).
- In case of an intermittent failure, the SRS indicator will indicate the DTCs one time, then it will stay on (see example 2 below).
- If both a continuous and an intermittent failure occur, both DTCs will be indicated as continuous failures.
- When the system is normal (no DTCs), the SRS indicator will stay on (see example 3).
- If the SRS indicator comes on continuously without a DTC, there may be a problem with the system.
- If the SRS indicator does not come on as indicated above, always check for an open or a short to ground in the SCS circuit before troubleshooting the system.

Example of DTC Indications:



(cont'd)

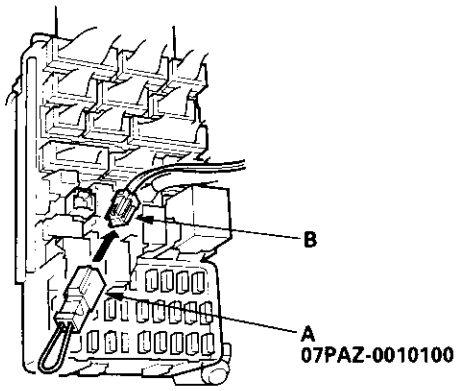
General Troubleshooting Information (cont'd)

Erasing the DTC Memory

Special Tool Required
SCS service connector 07PAZ-0010100

To erase the DTC(s) from the SRS unit, use a Honda PGM Tester (see the Honda PGM Tester SRS Vehicle System Supplement) or the following procedure.

1. Make sure the ignition switch is OFF.
2. Connect the SCS service connector (A) to the MES 2P connector (B). Do not use a jumper wire.



3. Turn the ignition switch ON (II).
4. The SRS indicator will come on for about 6 seconds, and then go off. Remove the SCS service connector from the MES connector within 4 seconds after the indicator goes off.
5. The SRS indicator will come on again. Reconnect the SCS service connector to the MES connector within 4 seconds after the indicator comes on.
6. When the SRS indicator goes off, remove the SCS service connector from the MES connector within 4 seconds.
7. The SRS indicator will blink two times indicating that the memory has been erased.
8. Turn the ignition switch OFF, and wait for 10 seconds.
9. Turn the ignition switch ON (II) again. The SRS is OK if the SRS indicator comes on for 6 seconds and then goes off.

Troubleshooting Intermittent Failures

If there was a malfunction, but it doesn't recur, it will be stored in the memory as an intermittent failure, and the SRS indicator will come on.

After checking the DTC, troubleshoot as follows:

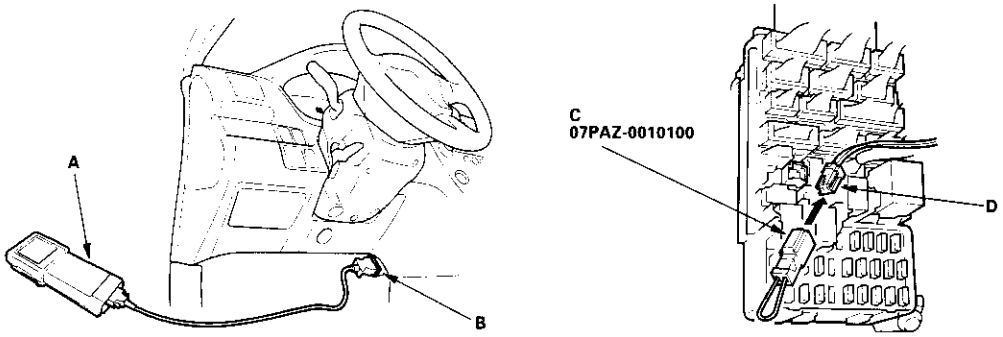
1. Read the DTC (see "Reading the DTC").
2. Erase the DTC memory (see "Erasing the DTC Memory").
3. With the shift lever in neutral, start the engine, and let it idle.
4. The SRS indicator will come on for about 6 seconds and then go off.
5. Shake the wire harness and the connectors, take a test drive (quick acceleration, quick braking, cornering), turn the steering wheel fully left and right, and hold it there for 5 to 10 seconds. If the problem recurs, the SRS indicator will come on.
6. If you can't duplicate the intermittent failure, the system is OK at this time.

Initializing the OPDS (Occupant Position Detection System) Unit

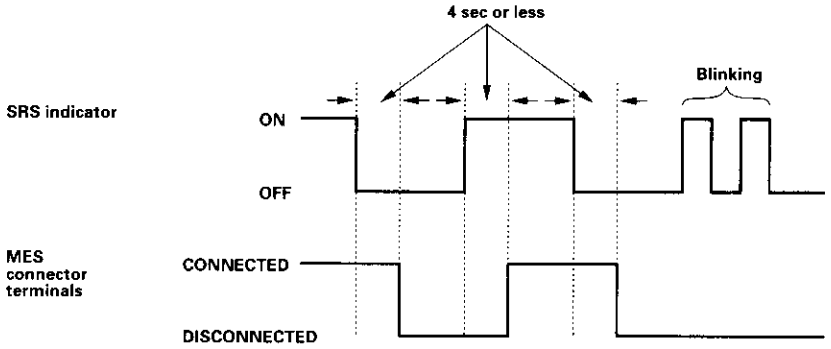
Special Tool Required
SCS service connector 07PAZ-0010100

When a seat-back cover, seat-back cushion, and/or OPDS unit is replaced, initialize the OPDS by following the procedure below.
NOTE: Make sure the front passenger's seat is dry. Set the seat-back in the normal position, and make sure there is nothing on the seat.

1. Make sure the ignition switch is OFF.
2. Connect the Honda PGM Tester (A) to the DLC (16P) (B), and follow the Tester's prompts in the "SCS" menu to ground the SCS line (see the Honda PGM Tester Operator's Manual).
3. Connect the SCS service connector (C) to the MES 2P connector (D). Do not use a jumper wire.



4. Turn the ignition switch ON (II).
5. The SRS indicator comes on for about 6 seconds and goes off. Remove the SCS service connector from the MES connector within 4 seconds after the SRS indicator went off.
6. The SRS indicator comes on again. Reconnect the SCS service connector to the MES connector within 4 seconds after the SRS indicator comes on.
7. The SRS indicator goes off. Remove the SCS service connector from the MES connector within 4 seconds.
8. Watch the SRS indicator.
   - If the indicator blinks two times and then stays on, the OPDS is initialized, but the DTCs need to be erased. Go to step 9, then erase the DTCs.
   - If the indicator blinks two times and then goes off, the OPDS unit is initialized. Go to step 9.
   - If the indicator stays on without first blinking, the OPDS is not initialized. Read the DTC. If DTC 15-1 is indicated, repeat the initialization procedure. If another DTC is indicated, go to the appropriate page in the DTC Troubleshooting Index.
9. Turn the ignition switch off, and disconnect the PGM Tester.



DTC Troubleshooting Index

DTC	Detection Item	Notes
1-1	Open in driver's airbag inflator	(see page 23-36)
1-2	Increased resistance in driver's airbag inflator	(see page 23-36)
1-3	Short to another wire or decreased resistance in driver's airbag inflator	(see page 23-37)
1-4	Short to power in driver's airbag inflator	(see page 23-39)
1-5	Short to ground in driver's airbag inflator	(see page 23-40)
2-1	Open in front passenger's airbag inflator	(see page 23-42)
2-2	Increased resistance in front passenger's airbag inflator	(see page 23-42)
2-3	Short to another wire or decreased resistance in front passenger's airbag inflator	(see page 23-43)
2-4	Short to power in front passenger's airbag inflator	(see page 23-45)
2-5	Short to ground in front passenger's airbag inflator	(see page 23-46)
3-1	Open in driver's seat belt tensioner	(see page 23-48)
3-2	Increased resistance in driver's seat belt tensioner	(see page 23-48)
3-3	Short to another wire or decreased resistance in driver's seat belt tensioner	(see page 23-49)
3-4	Short to power in driver's seat belt tensioner	(see page 23-51)
3-5	Short to ground in driver's seat belt tensioner	(see page 23-52)
21-1	Open or increased resistance in driver's seat belt buckle tensioner	(see page 23-54)
21-3	Short to another wire or decreased resistance in driver's seat belt buckle tensioner	(see page 23-55)
21-4	Short to power in driver's seat belt buckle tensioner	(see page 23-56)
21-5	Short to ground in driver's seat belt buckle tensioner	(see page 23-57)
4-1	Open in front passenger's seat belt tensioner	(see page 23-58)
4-2	Increased resistance in front passenger's seat belt tensioner	(see page 23-58)
4-3	Short to another wire or decreased resistance in front passenger's seat belt tensioner	(see page 23-60)
4-4	Short to power in front passenger's seat belt tensioner	(see page 23-61)
4-5	Short to ground in front passenger's seat belt tensioner	(see page 23-63)
22-1	Open or increased resistance in front passenger's seat belt buckle tensioner	(see page 23-64)
22-3	Short to another wire or decreased resistance in front passenger's seat belt buckle tensioner	(see page 23-65)
22-4	Short to power in front passenger's seat belt buckle tensioner	(see page 23-66)
22-5	Short to ground in front passenger's seat belt buckle tensioner	(see page 23-68)
5-1	Internal failure of SRS unit NOTE: Before troubleshooting DTCs 5-1 through 8-6, check battery/system voltage. If the voltage is low, repair the charging system before troubleshooting the SRS.	(see page 23-69)
5-2		
5-4		
5-8		
6-3		
6-4		
6-7		
6-8		
7-1		
7-2		
7-3		
8-1		
8-2		
8-3		
8-4		
8-5		
8-6		

DTC	Detection Item	Notes
9-1	Internal failure of the SRS unit. If intermittent, it could mean internal failure of the unit or a faulty indicator circuit. Refer to Troubleshooting Intermittent Failures (see page 23-26). NOTE: Before troubleshooting DTC 9-1 or 9-2, check battery/system voltage. If the voltage is low, repair the charging system before troubleshooting the SRS.	(see page 23-69)
9-2	Internal failure of the SRS unit. If intermittent, it could mean internal failure of the power supply (VB line). Refer to Troubleshooting Intermittent Failures (see page 23-26). NOTE: Before troubleshooting DTC 9-1 or 9-2, check battery/system voltage. If the voltage is low, repair the charging system or replace the battery before troubleshooting the SRS.	
9-3	Faulty driver's seat belt buckle switch	(see page 23-71)
9-4	Faulty front passenger's seat belt buckle switch	(see page 23-74)
9-6	Faulty left front impact sensor	(see page 23-77)
9-7	Faulty right front impact sensor	(see page 23-79)
10-1	Seat belt and seat belt buckle tensioners (and airbag(s)) deployed	(see page 23-69)
10-2	Driver's side airbag deployed	
10-3	Seat belt and seat belt buckle tensioners (and airbag(s)) and driver's side airbag deployed	
10-4	Front passenger's side airbag deployed	
10-5	Seat belt and seat belt buckle tensioners (and airbag(s)) and front passenger's side airbag deployed	
10-6	Driver's and front passenger's side airbags deployed	
10-7	Seat belt and seat belt buckle tensioners (and airbag(s)) and driver's and front passenger's side airbags deployed	
11-1	Open or increased resistance in driver's side airbag inflator	(see page 23-81)
11-3	Short to another wire or decreased resistance in driver's side airbag inflator	(see page 23-82)
11-4	Short to power in driver's side airbag inflator	(see page 23-83)
11-5	Short to ground in driver's side airbag inflator	(see page 23-85)
12-1	Open or increased resistance in front passenger's side airbag inflator	(see page 23-86)
12-3	Short to another wire or decreased resistance in front passenger's side airbag inflator	(see page 23-87)
12-4	Short to power in front passenger's side airbag inflator	(see page 23-88)
12-5	Short to ground in front passenger's side airbag inflator	(see page 23-90)
13-1	Internal failure of the driver's side impact sensor	(see page 23-70)
13-2		
13-3	No signal from the driver's side impact sensor	(see page 23-91)
13-4	Faulty power supply to the driver's side impact sensor	(see page 23-92)
14-1	Internal failure of the front passenger's side impact sensor	(see page 23-70)
14-2		
14-3	No signal from the front passenger's side impact sensor	(see page 23-94)
14-4	Faulty power supply to the front passenger's side impact sensor	(see page 23-95)
15-1	Faulty OPDS unit or OPDS not initialized	(see page 23-96)
15-2	Faulty side airbag cutoff indicator circuit	(see page 23-99)
15-3	Faulty OPDS sensor	(see page 23-104)

Symptom Troubleshooting Index

Symptom	Diagnostic procedure	Also check for
SRS indicator doesn't come on	SRS Indicator Troubleshooting (see page 23-105)	
SRS indicator stays on when in "SCS" menu method	SRS Indicator Troubleshooting (see step 1 on page 23-107)	Inability to retrieve DTCs with the PGM Tester. Retrieve the flash codes using the SCS menu method (see page 23-24).
• Side airbag cutoff indicator stays on after bulb check (If the indicator stays on, it does not set a DTC). Side airbag cutoff indicator is flashing	• Make sure nothing is on the front passenger's seat. • If the side airbag cutoff indicator stays on after the ignition switch is turned ON (II), initialize the OPDS unit (see page 23-27). – If the side airbag cutoff indicator operates normally, the system is OK. – If the side airbag cutoff indicator stays on, replace the OPDS sensor (see section 20). The sensor is part of the seat-back pad.	DTC 15-2 troubleshooting

System Description

SRS Components

Airbags

The SRS is a safety device which, when used with the seat belt, is designed to help protect the driver and front passenger in a frontal impact exceeding a certain set limit. The system consists of the SRS unit, including safing sensor and impact sensor (A), the cable reel (B), the driver's airbag (C), the front passenger's airbag (D), seat belt tensioners (I), seat belt buckle tensioners (J), and front impact sensors (K).

Since the driver's and front passenger's airbags use the same sensors, both normally inflate at the same time. However, it is possible for only one airbag to inflate. This can occur when the severity of a collision is at the margin, or threshold, that determines whether or not the airbags will deploy. In such cases, the seat belt will provide sufficient protection, and the supplemental protection offered by the airbag would be mininal.

Side Airbags

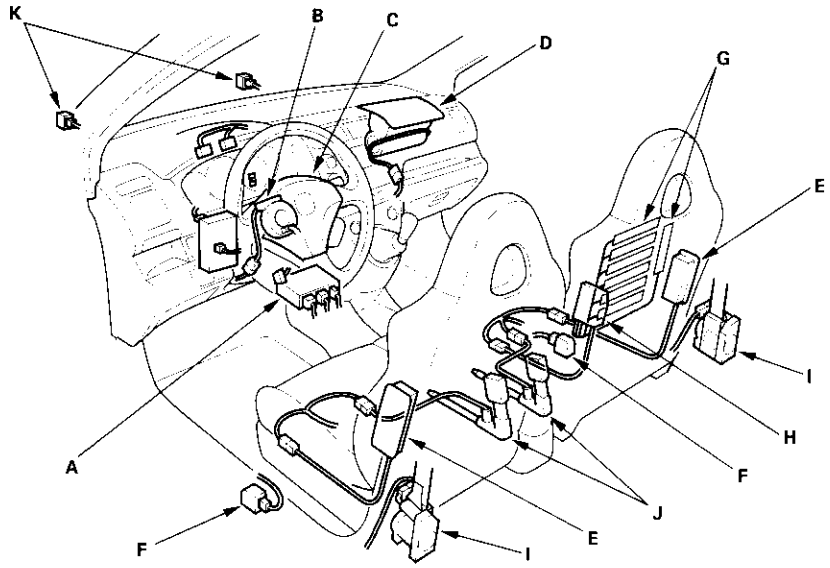
The side airbags (E) are in each front seat-back. They help protect the upper torso of the driver or front seat passenger during a moderate to severe side impact. Side impact sensors (F) in each door sill and in the SRS unit detect such an impact and instantly inflate the driver's or the passenger's side airbag. Only one side airbag will deploy during a side impact. If the impact is on the passenger's side, the passenger's side airbag will deploy even if there is no passenger.

Seat Belt and Seat Belt Buckle Tensioners

The seat belt and seat belt buckle tensioners are linked with the SRS airbags to further increase the effectiveness of the seat belt. In a front-end collision, the tensioners instantly retract the belt and buckle firmly to secure the occupants in their seats.

OPDS

The side airbag system also includes an occupant position detection system (OPDS). This system consists of sensors (G) and an OPDS unit (H) in the front passenger's seat-back. The OPDS unit sends occupant height and position data to the SRS unit. If the OPDS unit determines that the front passenger is of small stature (for example, a child) and the front passenger is leaning into the side airbag deployment path, the SRS unit will automatically disable the passenger's side airbag. The SRS unit will also disable the airbag when the OPDS detects certain objects on the seat. When the side airbag is disabled, the side airbag cutoff indicator on the instrument panel alerts the driver that the passenger's side airbag will not deploy in a side impact. When the object is removed, or the passenger sits upright, the side airbag cutoff indicator will go off after a few seconds, alerting the driver that the passenger's side airbag will deploy in a side impact.



(cont'd)

System Description (cont'd)

SRS Operation

The main circuit in the SRS unit senses and judges the force of impact and, if necessary, ignites the inflator charges. If battery voltage is too low or power is disconnected due to the impact, the voltage regulator and the back-up power circuit, respectively, will keep voltage at a constant level.

For the SRS to operate:

Seat Belt Tensioners and Seat Belt Buckle Tensioners

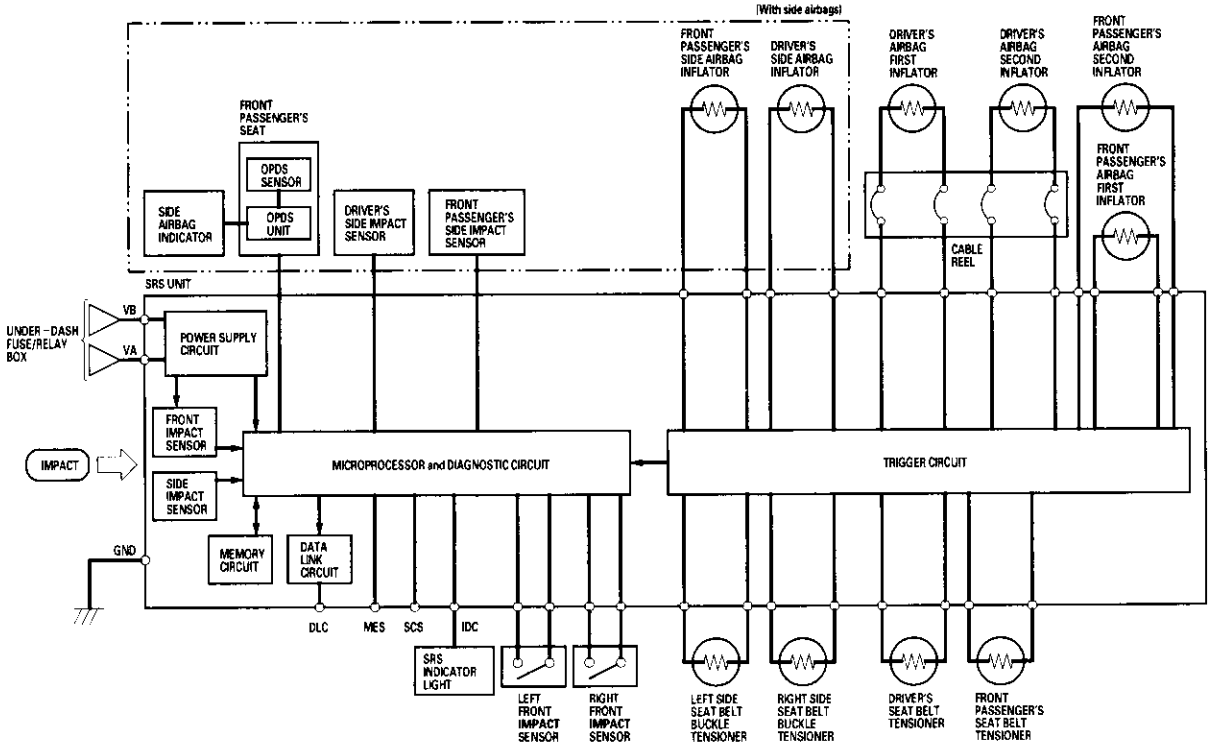
(1) A front impact sensor must activate and send electric signals to the microprocessor.
(2) The microprocessor must compute the signals and send them to the tensioners.
(3) The charges must ignite and deploy the tensioners.

Driver's and Front Passenger's Airbag(s)

(1) A front impact sensor must activate, and send electric signals to the microprocessor.
(2) The microprocessor must compute the signals, and depending on the severity of the collision and whether the seat belt buckle switch is ON or OFF, it sends the appropriate signals to the airbag inflator(s).
(3) The inflators that received signals must ignite and deploy the airbags.

Side Airbag(s)

(1) A side impact sensor must activate, and send electric signals to the microprocessor.
(2) The microprocessor must compute the signals and send them to the side airbag inflator(s). However, the microprocessor cuts off the signals to the front passenger's side airbag if the OPDS unit determines that the front passenger's head is in the deployment path of the side airbag.
(3) The inflator that received the signal must ignite and deploy the side airbag.



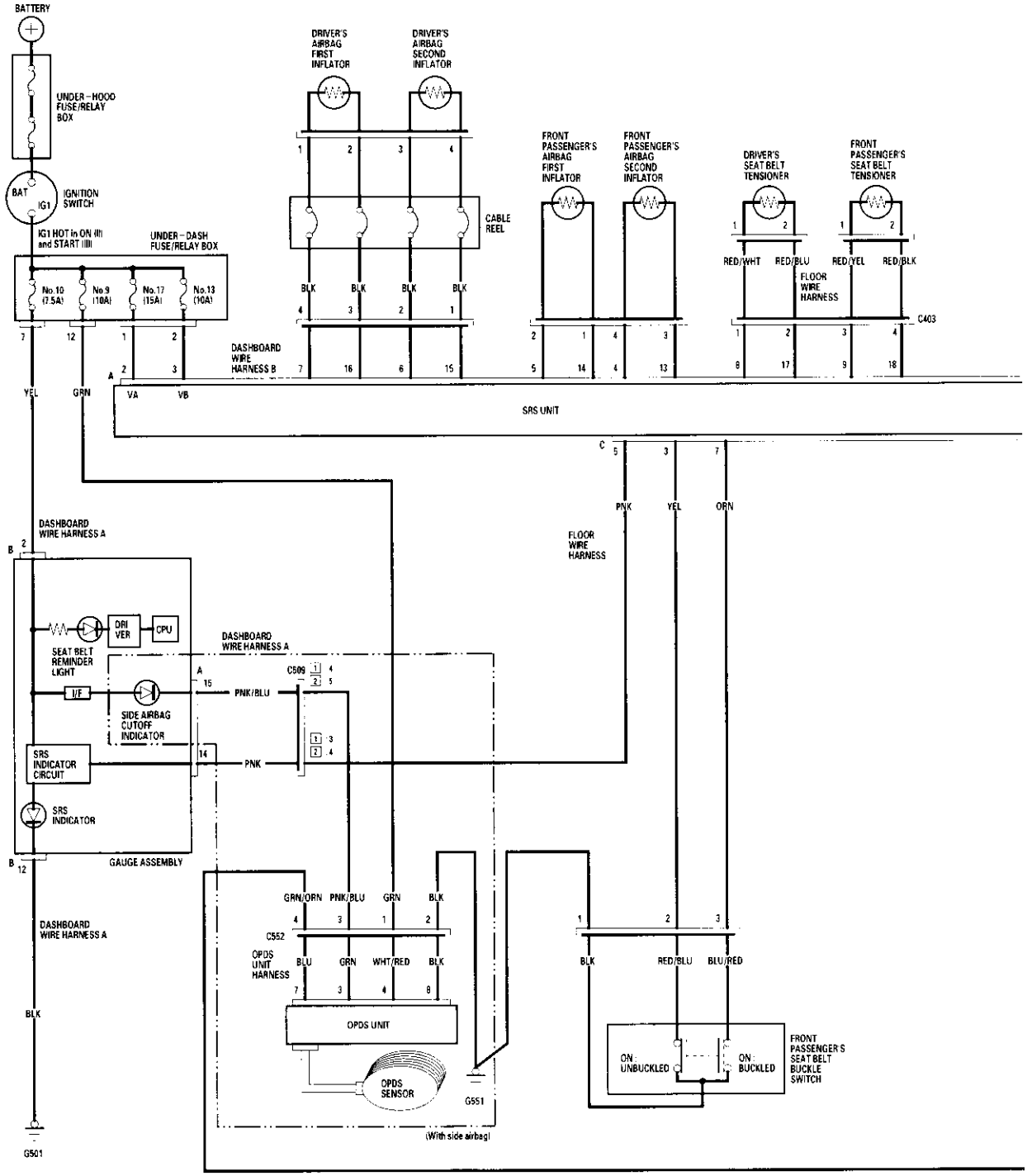
Self-diagnosis System

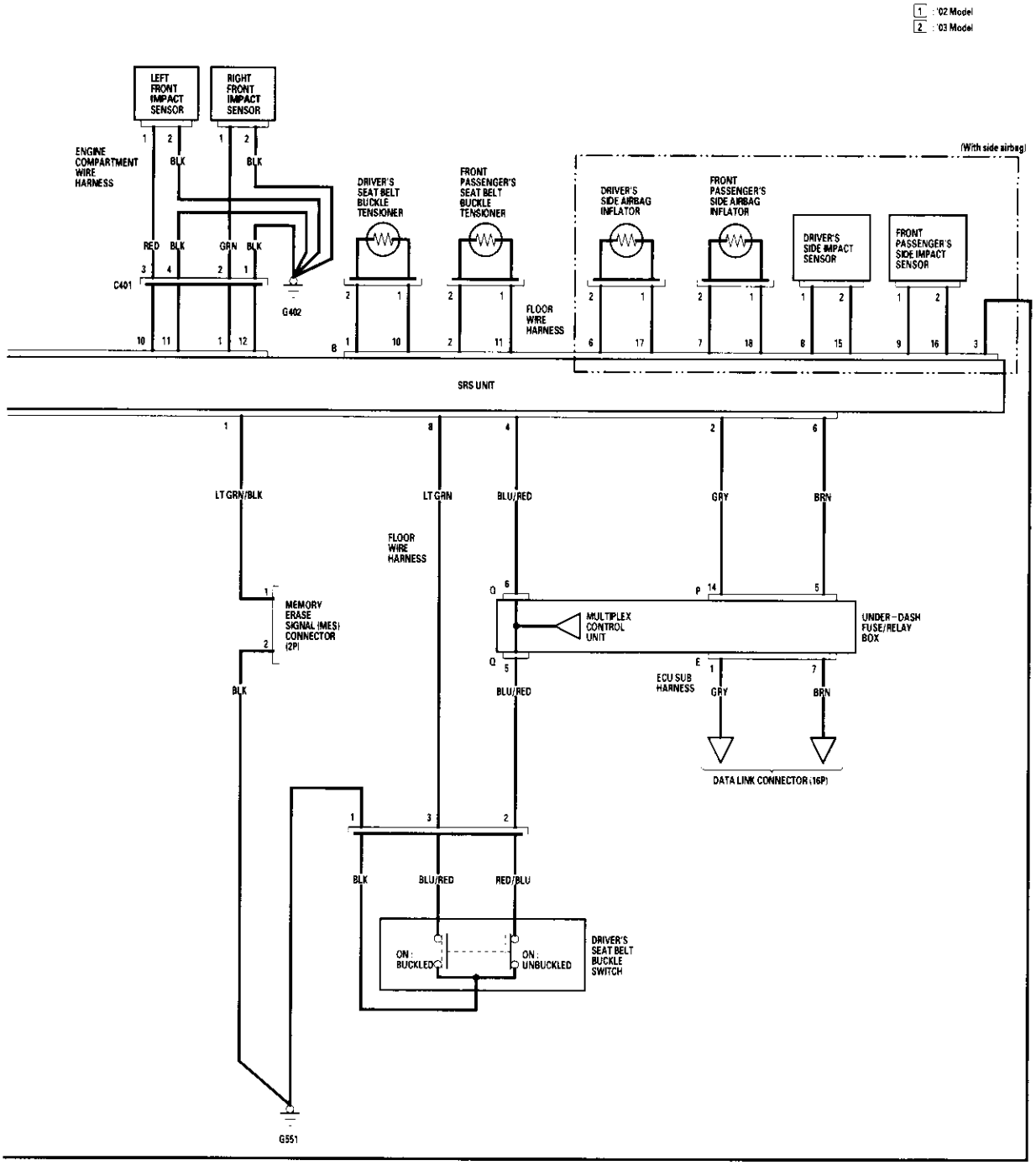
A self-diagnosis circuit is built into the SRS unit; when the ignition switch is turned ON (II), the SRS indicator comes on and goes off after about 6 seconds if the SRS is operating normally.

If the indicator does not come on, or does not go off after 6 seconds, or if it comes on while driving, it indicates an abnormality in the SRS. The SRS must be inspected and repaired as soon as possible.

For better serviceability, the SRS unit memory stores a DTC that relates to the cause of the malfunction, and the unit is connected to the data link circuit. This information can be read with the Honda PGM Tester when it is connected to the data link connector (DLC) (see page 23-23).

Circuit Diagram




1 : '02 Model
2 : '03 Model
LEFT FRONT IMPACT SENSOR
RIGHT FRONT IMPACT SENSOR
ENGINE COMPARTMENT WIRE HARNESS
BLK
RED
GRN
C401
G402
DRIVER'S SEAT BELT BUCKLE TENSIONER
FRONT PASSENGER'S SEAT BELT BUCKLE TENSIONER
FLOOR WIRE HARNESS
(With side airbag)
DRIVER'S SIDE AIRBAG INFLATOR
FRONT PASSENGER'S SIDE AIRBAG INFLATOR
DRIVER'S SIDE IMPACT SENSOR
FRONT PASSENGER'S SIDE IMPACT SENSOR
SRS UNIT
LT GRN/BLK
LT GRN
BLU/RED
GRY
BRN
MEMORY ERASE SIGNAL (MES) CONNECTOR (2P)
MULTIPLEX CONTROL UNIT
UNDER-DASH FUSE/RELAY BOX
ECU SUB HARNESS
DATA LINK CONNECTOR (16P)
RED/BLU
ON : BUCKLED
ON : UNBUCKLED
DRIVER'S SEAT BELT BUCKLE SWITCH
G551

DTC Troubleshooting

DTC 1-1: Open in Driver's Airbag Inflator
DTC 1-2: Increased Resistance in Driver's Airbag Inflator

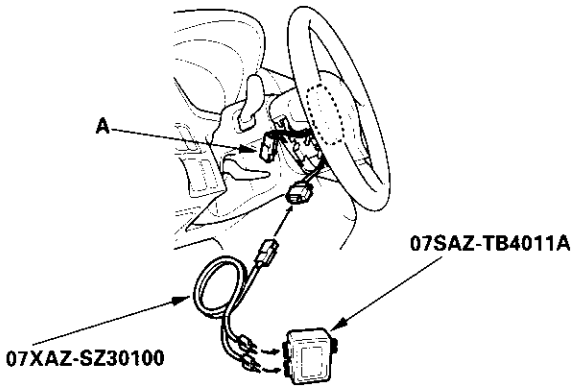
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

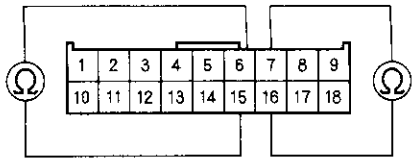
   Is DTC 1-1 or DTC 1-2 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the driver's airbag inflator; replace the driver's airbag (see page 23-113).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 3 on page 23-21).
11. Disconnect both seat belt tensioners 2P connectors from the floor wire harness (see step 5 on page 23-22).
12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from the cable reel.

13. Check resistance between the No. 7 and the No. 16 terminals and between the No. 6 and the No. 15 terminals of SRS unit connector A (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector A (18P) and the SRS unit, check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in dashboard wire harness B or the cable reel; replace the cable reel. If the problem still present, replace dashboard wire harness B.

DTC 1-3: Short to Another Wire or Decreased Resistance in Driver's Airbag Inflator

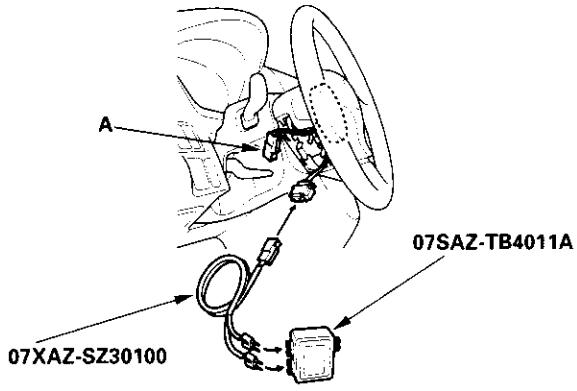
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC.

   Is DTC 1-3 indicated?

   YES—Go to step 9.

   NO—Short in the driver's airbag; replace the driver's airbag (see page 23-113).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 3 on page 23-21).

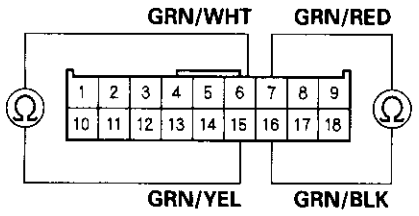
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from the cable reel.

14. Check resistance between the No. 7 and the No. 16 terminals and between the No. 6 and the No. 15 terminals of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Go to step 15.

15. Disconnect the cable reel from dashboard wire harness B. Check resistance between the No. 7 and the No. 16 terminals and between the No. 6 and the No. 15 terminals of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

    Is the resistance as specified?

    YES—Replace the cable reel.■

    NO—Replace dashboard wire harness B.■

DTC 1-4: Short to Power in Driver's Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

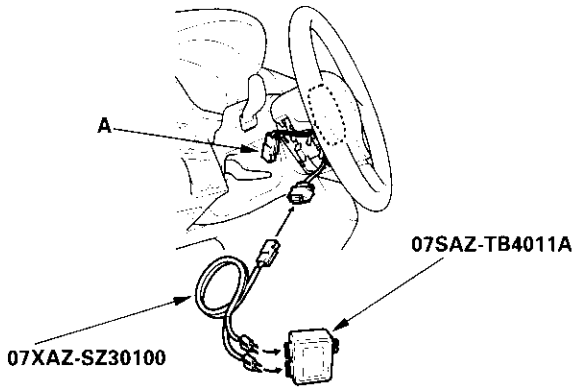
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the cable reel.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 1-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the driver's airbag; replace the driver's airbag (see page 23-113).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 3 on page 23-21).

11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from the cable reel.

14. Reconnect the battery negative cable.

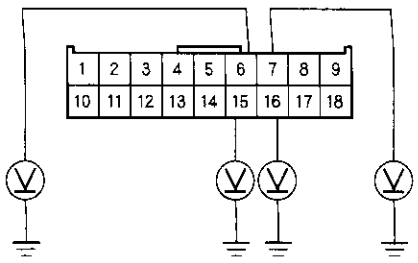
(cont'd)

DTC Troubleshooting (cont'd)

15. Turn the ignition switch ON (II).

16. Check for voltage between the No. 7 terminal of SRS unit connector A (18P) and body ground, the No. 16 terminal and body ground, the No. 6 terminal and body ground, and the No. 15 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Go to step 17.

17. Turn the ignition switch OFF.

18. Disconnect the cable reel from dashboard wire harness B.

19. Turn the ignition switch ON (II).

20. Check for voltage between the No. 7 terminal of SRS unit connector A (18P) and body ground, the No. 16 terminal and body ground, the No. 6 terminal and body ground, and the No. 15 terminal and body ground. There should be 0.5 V or less.

Is the voltage as specified?

YES—Replace the cable reel.■

NO—Replace dashboard wire harness B.■

DTC 1-5: Short to Ground in Driver's Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

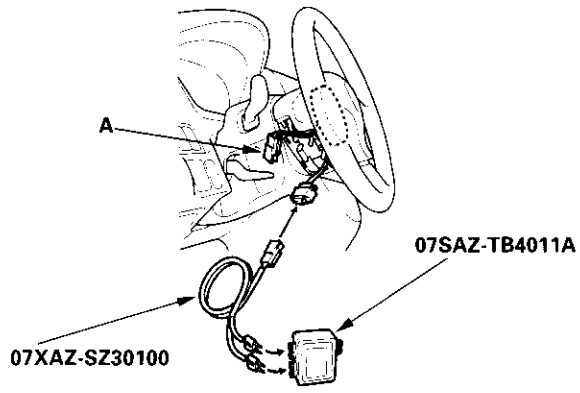
Does the SRS indicator stay on?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the cable reel.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 1-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the driver's airbag inflator; replace the driver's airbag (see page 23-113).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 2 on page 23-21).

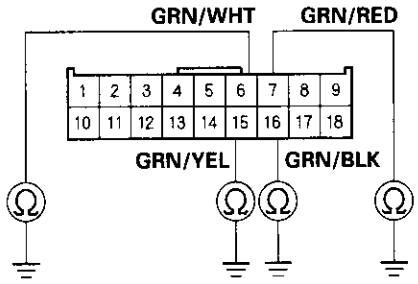
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from the cable reel.

14. Check resistance between the No. 7 terminal of SRS unit connector A (18P) and body ground, the No. 16 terminal and body ground, the No. 6 terminal and body ground, and the No. 15 terminal and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Go to step 15.

15. Disconnect the cable reel from dashboard wire harness B.

16. Check resistance between the No. 7 terminal of SRS unit connector A (18P) and body ground, the No. 16 terminal and body ground, the No. 6 terminal and body ground, and the No. 15 terminal and body ground. There should be an open circuit, or at least 1 MΩ.

    Is the resistance as specified?

    YES—Replace the cable reel.■

    NO—Replace dashboard wire harness B.■

DTC Troubleshooting (cont'd)

DTC 2-1: Open in Front Passenger's Airbag Inflator
DTC 2-2: Increased Resistance in Front Passenger's Airbag Inflator

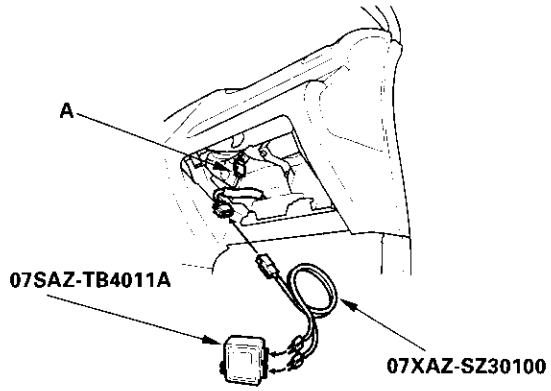
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to dashboard wire harness B.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

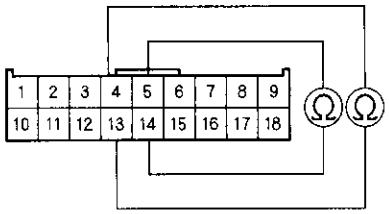
   Is DTC 2-1 or DTC 2-2 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the front passenger's airbag inflator; replace the front passenger's airbag (see page 23-114).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).
12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from dashboard wire harness B.

13. Check resistance between the No. 4 and No. 13 terminals and between the No. 5 and No. 14 terminals of SRS unit connector A (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector A (18P). Check the connection; if the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in dashboard wire harness B; replace dashboard wire harness B.■

DTC 2-3: Short to Another Wire or Decreased Resistance in Front Passenger's Airbag Inflator

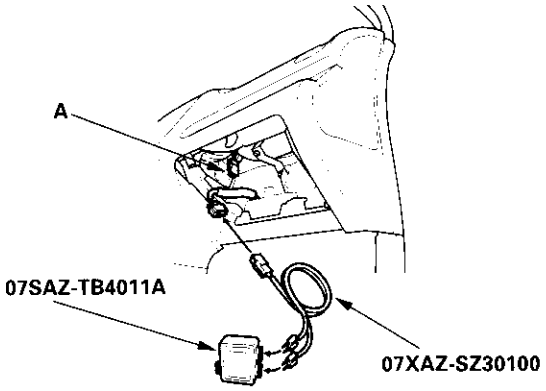
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to dashboard wire harness B.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC.

   Is DTC 2-3 indicated?

   YES—Go to step 9.

   NO—Short in the front passenger's airbag inflator; replace the front passenger's airbag (see page 23-114).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).

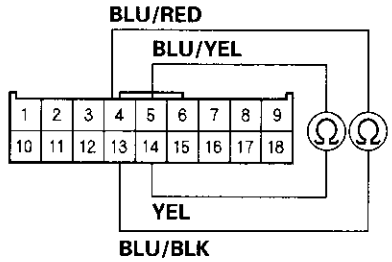
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from dashboard wire harness B.

14. Check resistance between the No. 4 and No. 13 terminals and between the No. 5 and No. 14 terminals of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short in dashboard wire harness B; replace dashboard wire harness B.■

DTC 2-4: Short to Power in Front Passenger's Airbag Inflator

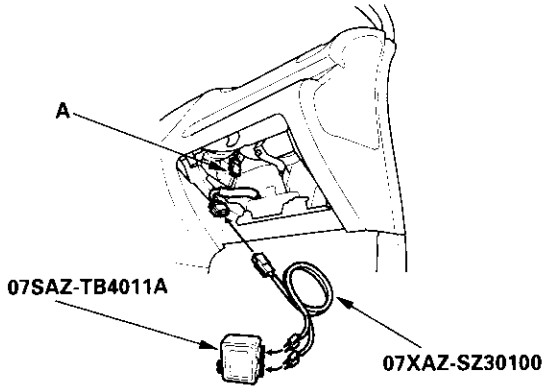
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to dashboard wire harness B.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 2-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the front passenger's airbag inflator; replace the front passenger's airbag (see page 23-114). ■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

(cont'd)

DTC Troubleshooting (cont'd)

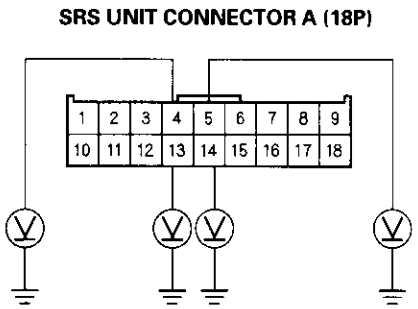
12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from dashboard wire harness B.

14. Reconnect the battery negative cable.

15. Turn the ignition switch ON (II).

16. Check for voltage between the No. 4 terminal of SRS unit connector A (18P) and body ground, the No. 13 terminal and body ground, the No. 5 terminal and body ground, and the No. 14 terminal and body ground. There should be 0.5 V or less.



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in dashboard wire harness B; replace dashboard wire harness B.■

DTC 2-5: Short to Ground in Front Passenger's Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

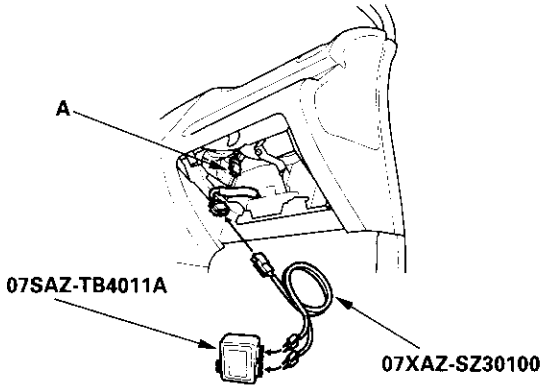
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to dashboard wire harness B.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 2-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the front passenger's airbag inflator; replace the front passenger's airbag (see page 23-114). ■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).

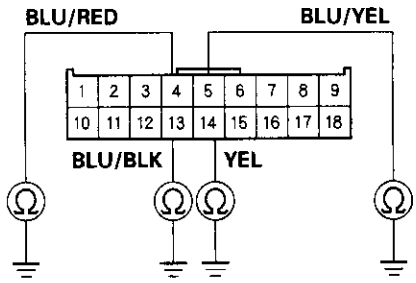
11. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

12. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

13. Disconnect the special tool from dashboard wire harness B.

14. Check resistance between the No. 4 terminal of SRS unit connector A (18P) and body ground, the No. 13 terminal and body ground, the No. 5 terminal and body ground, and the No. 14 terminal and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Short to ground in dashboard wire harness B; replace dashboard wire harness B. ■

DTC Troubleshooting (cont'd)

DTC 3-1: Open in Driver's Seat Belt Tensioner
DTC 3-2: Increased Resistance in Driver's Seat Belt Tensioner

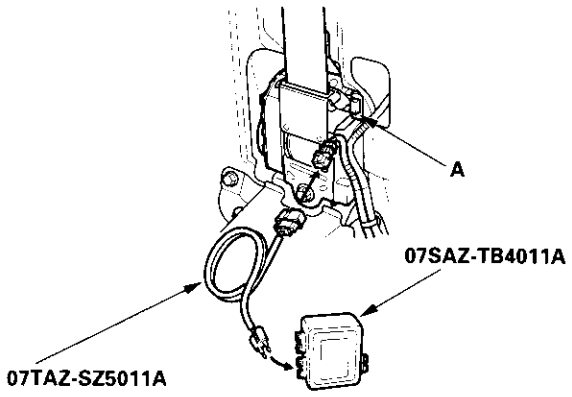
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's seat belt tensioner 2P connector (A) from the floor wire harness.

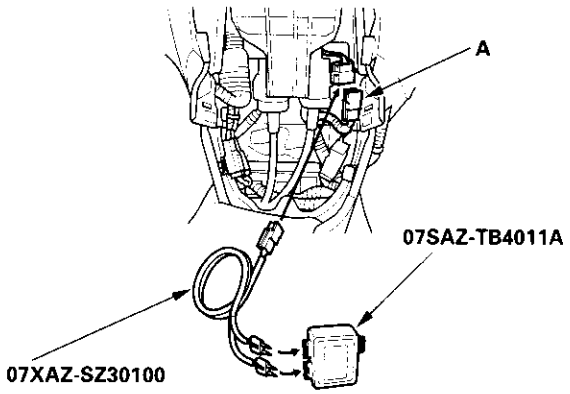


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 3-1 or DTC 3-2 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the driver's seat belt tensioner; replace the driver's seat belt (see page 23-4).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

    Is DTC 3-1 or DTC 3-2 indicated?

    YES—Go to step 15.

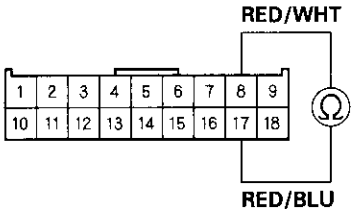
    NO—Open or increased resistance in the floor wire harness; replace the floor wire harness.■
15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and front passenger's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from dashboard wire harness B.

18. Check resistance between the No. 8 terminal and the No. 17 terminal of SRS unit connector A (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector A (18P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in dashboard wire harness B; replace dashboard wire harness B.■

DTC 3-3: Short to Another Wire or Decreased Resistance in Driver's Seat Belt Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

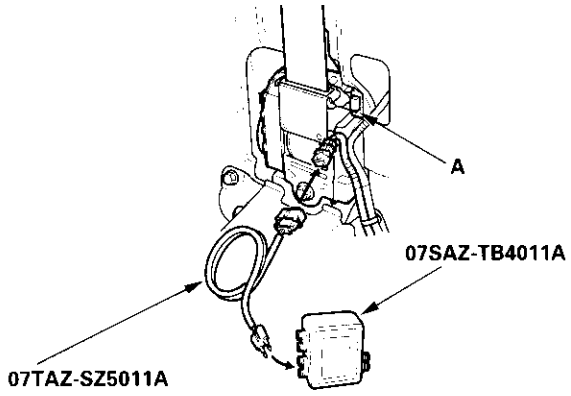
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's seat belt tensioner 2P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.

(cont'd)

DTC Troubleshooting (cont'd)

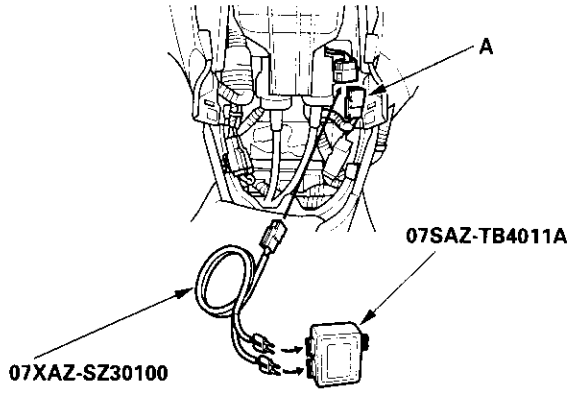
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 3-3 indicated?

   YES—Go to step 9.

   NO—Short in the driver's seat belt tensioner; replace the driver's seat belt (see page 23-4).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

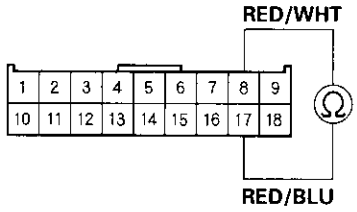
    Is DTC 3-3 indicated?

    YES—Go to step 15.

    NO—Short in the floor wire harness; replace the floor wire harness.■

15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and front passenger's seat belt tensioner connector (see step 5 on page 23-22).
17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).
18. Disconnect the special tool from dashboard wire harness B.
19. Check resistance between the No. 8 terminal and the No. 17 terminal of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short in dashboard wire harness B; replace dashboard wire harness B.■

DTC 3-4: Short to Power in Driver's Seat Belt Tensioner

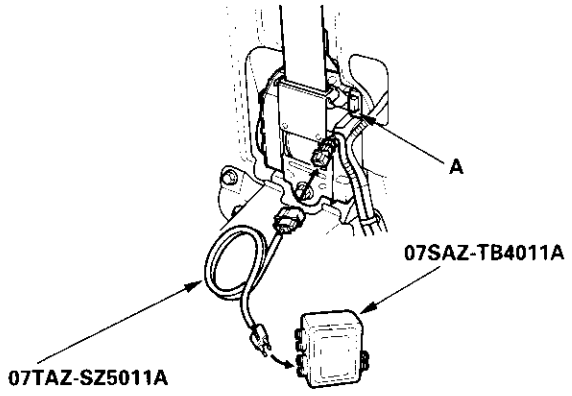
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's seat belt tensioner 2P connector (A) from the floor wire harness.

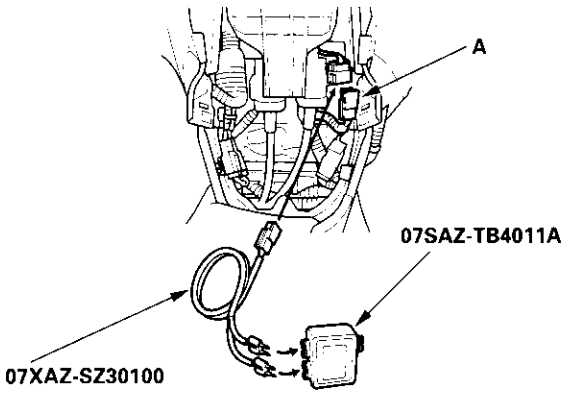


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 3-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the driver's seat belt tensioner; replace the driver's seat belt (see page 23-4).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simlator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

    Is DTC 3-4 indicated?

    YES—Go to step 15.

    NO—Short to power in the floor wire harness; replace the floor wire harness.■
15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

(cont'd)

DTC Troubleshooting (cont'd)

16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and front passenger's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

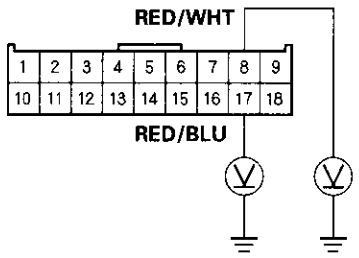
18. Disconnect the special tool from dashboard wire harness B.

19. Reconnect the battery negative cable.

20. Turn the ignition switch ON (II).

21. Check for voltage between the No. 8 terminal of SRS unit connector A (18P) and body ground, and the No. 17 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in dashboard wire harness B; replace dashboard wire harness B.■

DTC 3-5: Short to Ground in Driver's Seat Belt Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

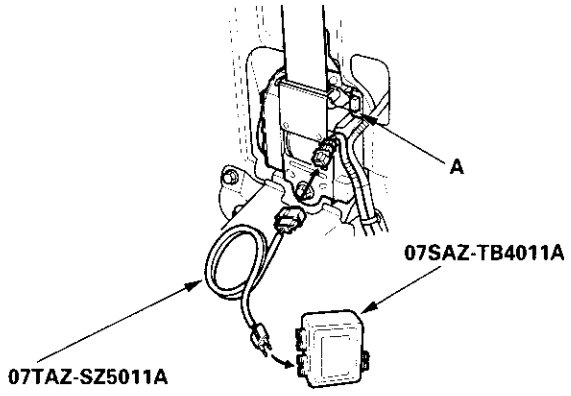
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's seat belt tensioner 2P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

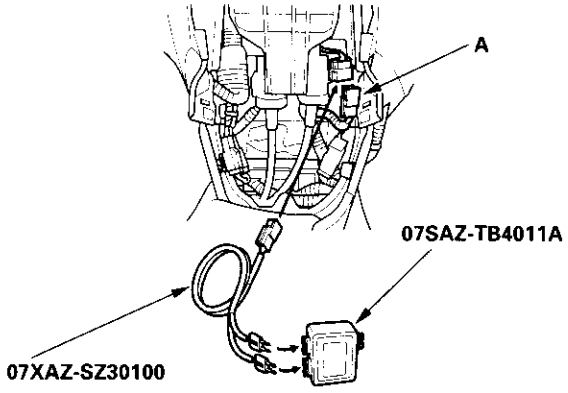
   Is DTC 3-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the driver's seat belt tensioner; replace the driver's seat belt (see page 23-4).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.

12. Reconnect the battery negative cable.

13. Erase the DTC memory.

14. Read the DTC.

    Is DTC 3-5 indicated?

    YES—Go to step 15.

    NO—Short to ground in the floor wire harness; replace the floor wire harness.■

15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

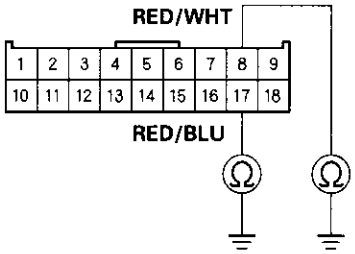
16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and front passenger's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

18. Disconnect the special tool from dashboard wire harness B.

19. Check resistance between the No. 8 terminal of SRS unit connector A (18P) and body ground, and the No. 17 terminal and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to ground in dashboard wire harness B; replace dashboard wire harness B.■

DTC Troubleshooting (cont'd)

DTC 21-1: Open or Increased Resistance in Driver's Seat Belt Buckle Tensioner

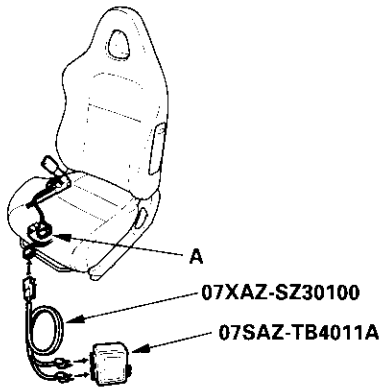
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



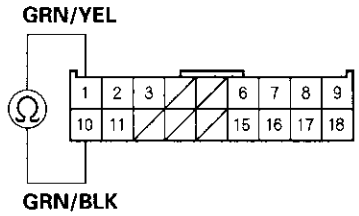
5. Connect theSRS inflator simulator (2 Ω connectors) and simulator lead F to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 21-1 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle.■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the front passenger's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from the floor wire harness.
12. Check resistance between the No. 1 and No. 10 terminals of SRS unit connector B (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector B (18P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in the floor wire harness; replace the floor wire harness.■

DTC 21-3: Short to Another Wire or Decreased Resistance in Driver's Seat Belt Buckle Tensioner

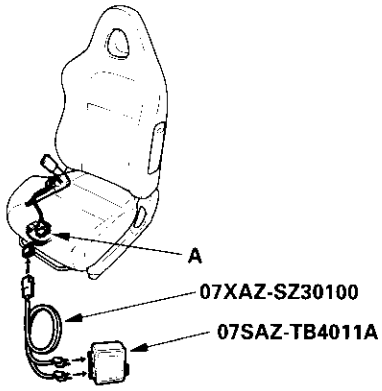
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



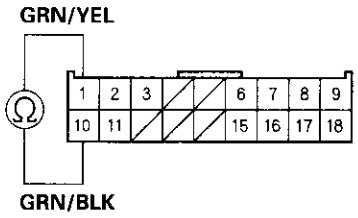
5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 21-3 indicated?

   YES—Go to step 9.

   NO—Short in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle. ■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the front passenger's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
12. Disconnect the special tool from the floor wire harness.
13. Check resistance between the No. 1 and No. 10 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Short in the floor wire harness; replace the floor wire harness. ■

DTC Troubleshooting (cont'd)

DTC 21-4: Short to Power in Driver's Seat Belt Buckle Tensioner

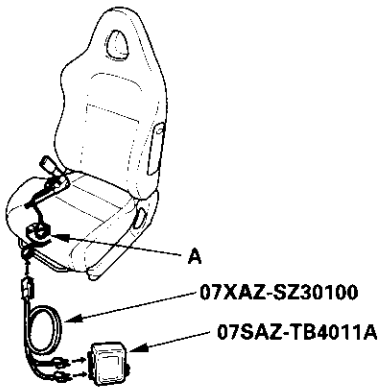
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 21-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle.■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the front passenger's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

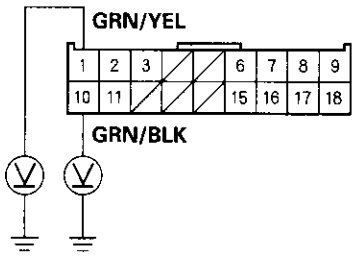
12. Disconnect the special tool from the floor wire harness.

13. Reconnect the battery negative cable.

14. Turn the ignition switch ON (II).

15. Check for voltage between the No. 1 terminal of SRS unit connector B (18P) and body ground, and the No. 10 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in the floor wire harness; replace the floor wire harness.■

DTC 21-5: Short to Ground in Driver's Seat Belt Buckle Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

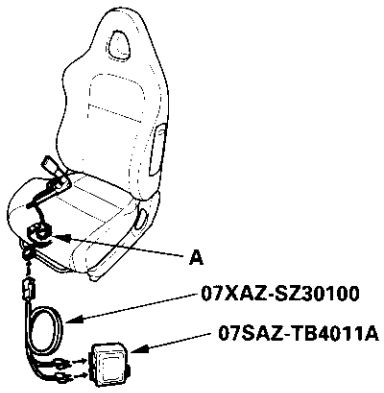
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC.

   Is DTC 21-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle. ■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

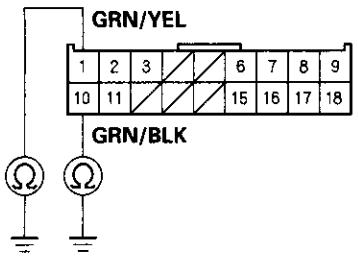
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the front passenger's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22) .

12. Disconnect the special tool from the floor wire harness.

13. Check resistance between the No. 1 terminal of SRS unit connector B (18P) and body ground, and the No. 10 terminal and body ground. There should be an open circuit, or at least 1 MΩ .

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness. ■

DTC 4-1: Open in Front Passenger's Seat Belt Tensioner
DTC 4-2: Increased Resistance in Front Passenger's Seat Belt Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

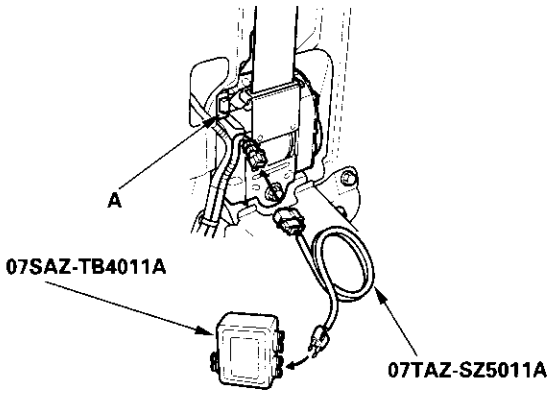
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's seat belt tensioner 2P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

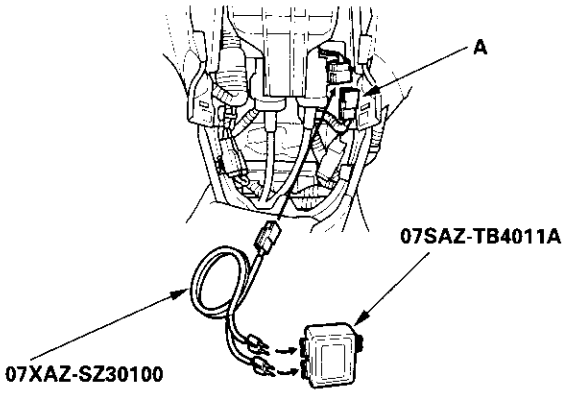
   Is DTC 4-1 or DTC 4-2 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see page 23-4).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect the floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.

12. Reconnect the battery negative cable.

13. Erase the DTC memory.

14. Read the DTC.

    Is DTC 4-1 or DTC 4-2 indicated?

    YES—Go to step 15.

    NO—Open or increased resistance in the floor wire harness; replace the floor wire harness.■

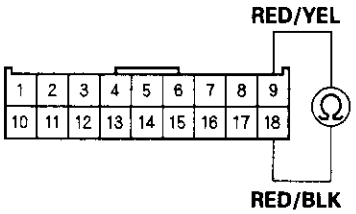
15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and driver's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from dashboard wire harness B.

18. Check resistance between the No. 9 terminal and the No. 18 terminal of SRS unit connector A (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector A (18P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in dashboard wire harness B; replace dashboard wire harness B.■

DTC Troubleshooting (cont'd)

DTC 4-3: Short to Another Wire or Decreased Resistance in Front Passenger's Seat Belt Tensioner

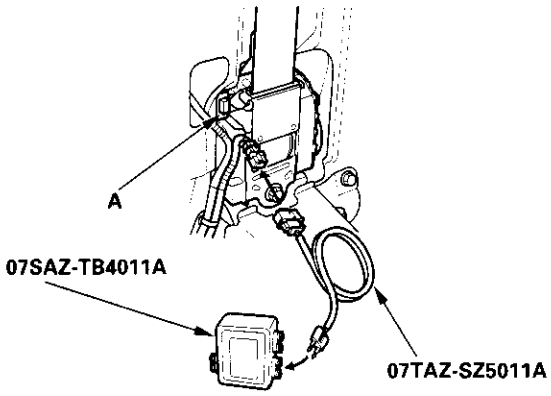
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's seat belt tensioner 2P connector (A) from the floor wire harness.

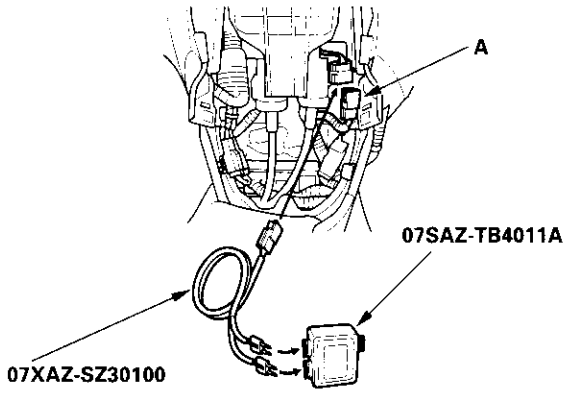


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 4-3 indicated?

   YES—Go to step 9.

   NO—Short in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see page 23-4).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

    Is DTC 4-3 indicated?

    YES—Go to step 15.

    NO—Short in the floor wire harness; replace the floor wire harness.■
15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

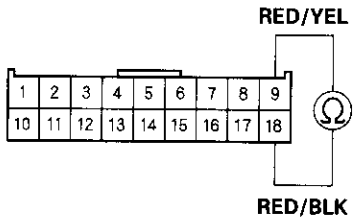
16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and driver's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

18. Disconnect the special tool from dashboard wire harness B.

19. Check resistance between the No. 9 terminal and the No. 18 terminal of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short in dashboard wire harness B; replace dashboard wire harness B.■

DTC 4-4: Short to Power in Front Passenger's Seat Belt Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

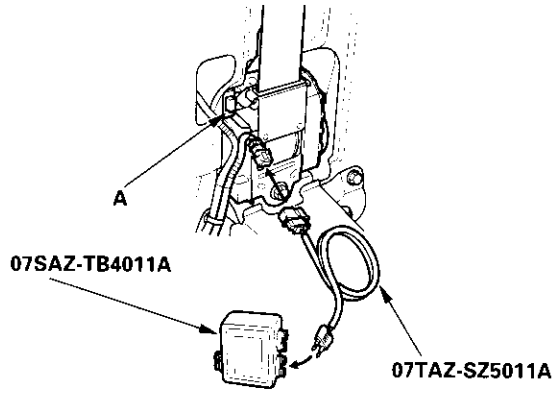
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's seat belt tensioner 2P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.

(cont'd)

DTC Troubleshooting (cont'd)

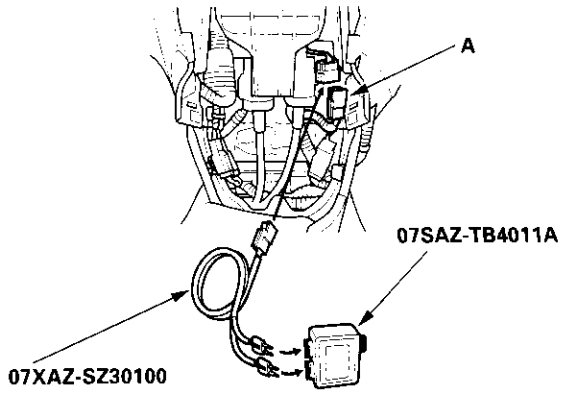
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 4-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see page 23-4).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

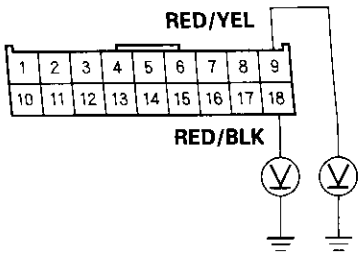
    Is DTC 4-4 indicated?

    YES—Go to step 15.

    NO—Short to power in the floor wire harness; replace the floor wire harness.■

15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and driver's seat belt tensioner connector (see step 5 on page 23-22).
17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).
18. Disconnect the special tool from dashboard wire harness B.
19. Reconnect the battery negative cable.
20. Turn the ignition switch ON (II).
21. Check for voltage between the No. 9 terminal of SRS unit connector A (18P) and body ground, and the No. 18 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in dashboard wire harness B; replace dashboard wire harness B.■

DTC 4-5: Short to Ground in Front Passenger's Seat Belt Tensioner

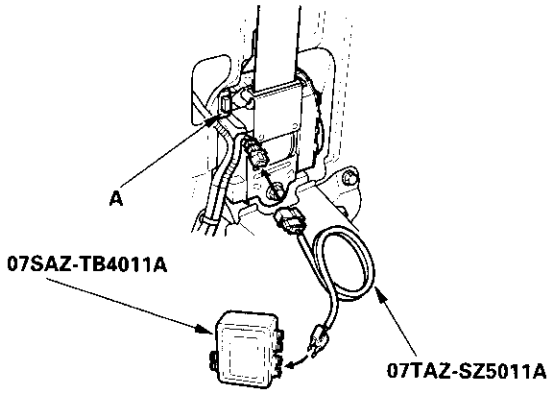
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's seat belt tensioner 2P connector (A) from the floor wire harness.

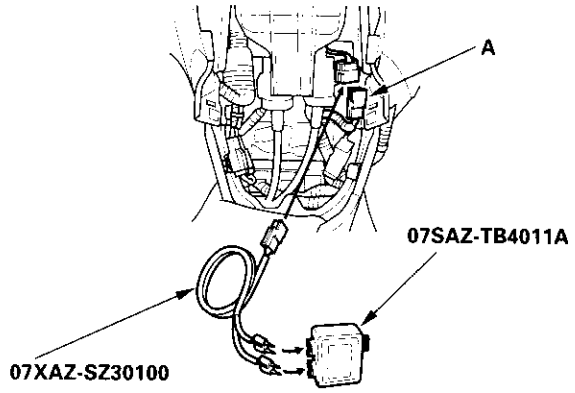


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 4-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see page 23-4).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the floor wire harness 4P connector C403 (A) from dashboard wire harness B.



11. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to dashboard wire harness B.
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

    Is DTC 4-5 indicated?

    YES—Go to step 15.

    NO—Short to ground in the floor wire harness; replace the floor wire harness.■
15. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

(cont'd)

DTC Troubleshooting (cont'd)

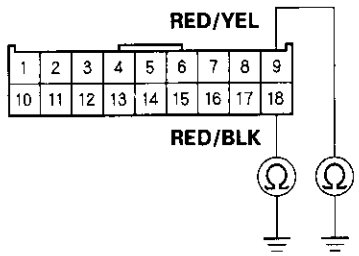
16. Disconnect the driver's airbag connector (see step 2 on page 23-21), front passenger's airbag connector (see step 3 on page 23-21), and driver's seat belt tensioner connector (see step 5 on page 23-22).

17. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

18. Disconnect the special tool from dashboard wire harness B.

19. Check resistance between the No. 9 terminal of SRS unit connector A (18P) and body ground, and the No. 18 terminal and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to ground in dashboard wire harness B; replace dashboard wire harness B.■

DTC 22-1: Open or Increased Resistance in Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

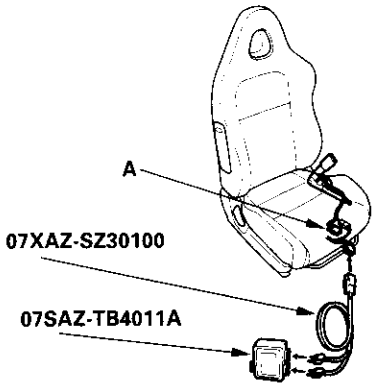
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 22-1 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle. ■

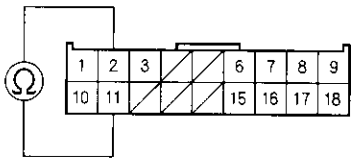
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the driver's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from the floor wire harness.

12. Check resistance between the No. 2 and No. 11 terminals of SRS unit connector B (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector B (18P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 23-122). ■

NO—Open or increased resistance in the floor wire harness; replace the floor wire harness. ■

DTC 22-3: Short to Another Wire or Decreased Resistance in Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

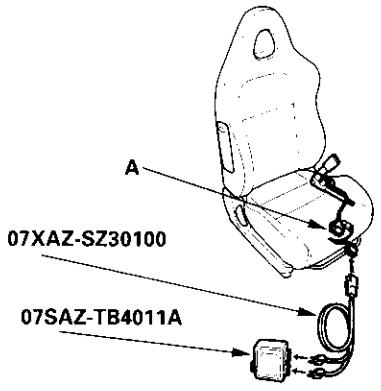
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and the simulator lead F to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC.

   Is DTC 22-3 indicated?

   YES—Go to step 9.

   NO—Short in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle. ■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

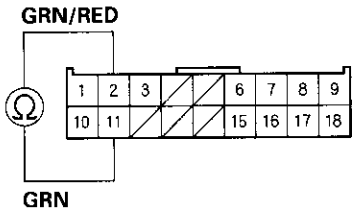
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the driver's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

12. Disconnect the special tool from the floor wire harness.

13. Check resistance between the No. 2 and No. 11 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Short in the floor wire harness; replace the floor wire harness. ■

DTC 22-4: Short to Power in Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

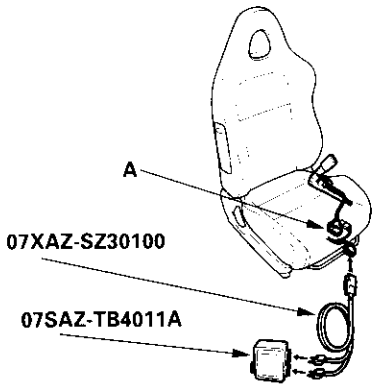
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the front passenger's seat belt buckle tensioner 4P connector (A) from the floor wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 22-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle.■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the driver's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

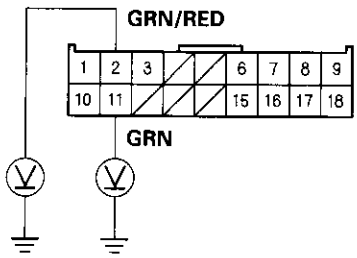
12. Disconnect the special tool from the floor wire harness.

13. Reconnect the battery negative cable.

14. Turn the ignition switch ON (II).

15. Check for voltage between the No. 2 terminal of SRS unit connector B (18P) and body ground, and the No. 11 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in the floor wire harness; replace the floor wire harness.■

DTC Troubleshooting (cont'd)

DTC 22-5: Short to Ground in Front Passenger's Seat Belt Buckle Tensioner

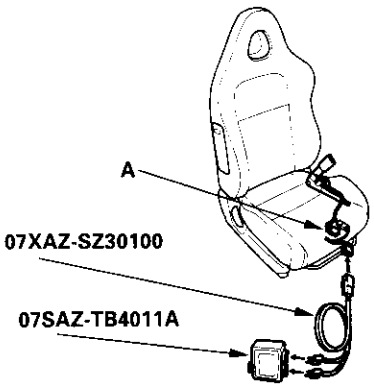
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the front passenger's seat belt buckle tensioner 4P connector (A) from the floor wire harness.

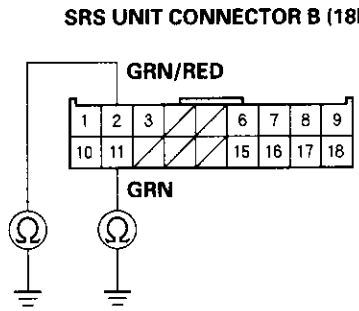


5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead F to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 22-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle. ■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 23-21) and the driver's seat belt buckle tensioner 4P connector (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
12. Disconnect the special tool from the floor wire harness.
13. Check resistance between the No. 2 terminal of SRS unit connector B (18P) and body ground, and the No. 11 terminal and body ground. There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness. ■

DTC 5-1, 5-2, 5-4, 5-8, 6-3, 6-4, 6-7, 6-8, 7-1, 7-2, 7-3, 8-1, 8-2, 8-3, 8-4, 8-5, 8-6, 9-1, 9-2: Internal Failure of the SRS Unit

NOTE: Before troubleshooting any of these DTCs, check the battery/system voltage. If the voltage is low, repair the charging system or replace the battery before troubleshooting the SRS. If the battery/system voltage is now OK, ask the customer if the battery ever went dead.

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Replace the SRS unit (see page 23-122). ■

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

DTC 10-1, 10-2, 10-3, 10-4, 10-5, 10-6, 10-7: Airbags, Side Airbags, and/or Seat Belt and Seat Belt Buckle Tensioners Deployed

The SRS unit must be replaced after any airbags and/or tensioners have deployed (see page 23-122). ■

DTC Troubleshooting (cont'd)

DTC 13-1, 13-2: Internal Failure of the Driver's Side Impact Sensor

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Replace the driver's side impact sensor (see page 23-123). ■

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

DTC 14-1, 14-2: Internal Failure of the Front Passenger's Side Impact Sensor

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Replace the front passenger's side impact sensor (see page 23-123). ■

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

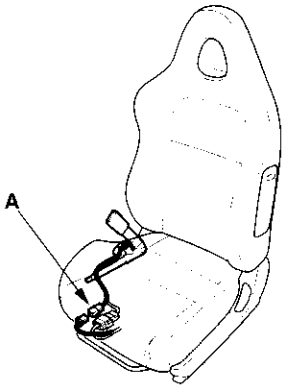
DTC 9-3: Faulty Driver's Seat Belt Buckle Switch

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC.

   Is DTC 9-3 indicated?

   YES—Go to step 4.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
4. Turn the ignition switch OFF.
5. Disconnect the driver's seat belt buckle switch 3P connector (A) from the floor wire harness.

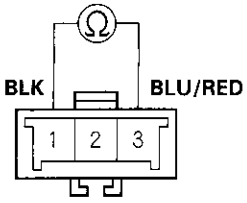


6. Buckle the driver's seat belt.

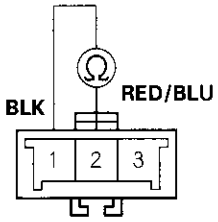
   Check resistance between the No. 1 and No. 3 terminals of the driver's seat belt buckle switch 3P connector. There should be 0—1 Ω.

   Check resistance between the No. 1 and No. 2 terminals of the same connector. There should be an open circuit, or at least 1 MΩ.

DRIVER'S SEAT BELT BUCKLE SWITCH 3P CONNECTOR



Terminal side of male terminals



Terminal side of male terminals

Are the resistance readings as specified?

YES—Go to step 7.

NO—Replace the driver's seat belt buckle assembly, then clear the DTC.■

(cont'd)

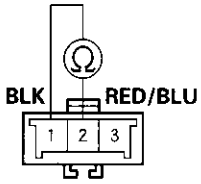
DTC Troubleshooting (cont'd)

7. Unbuckle the driver's seat belt.

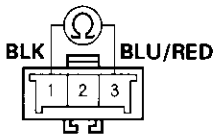
   Check resistance between the No. 1 and No. 2 terminals of the driver's seat belt buckle switch 3P connector. There should be 0—1 Ω.

   Check resistance between the No. 1 and No. 3 terminals of the same connector. There should be an open circuit, or at least 1 MΩ.

DRIVER'S SEAT BELT BUCKLE SWITCH 3P CONNECTOR



Terminal side of male terminals



Terminal side of male terminals

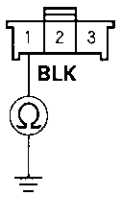
Is the resistance as specified?

YES—Go to step 8.

NO—Replace the driver's seat belt buckle assembly, then clear the DTC.■

8. Check resistance between the No. 1 terminal of the floor wire harness 3P connector and body ground. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 9.

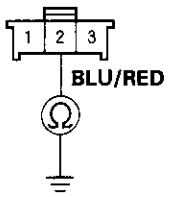
NO—Open in the floor wire harness or poor ground connection at G551. If G551 is OK, replace the floor wire harness.■

9. Disconnect the negative cable from the battery.

10. Disconnect SRS unit connector C (8P) from the SRS unit (see step 7 on page 23-22).

11. Check resistance between the No. 2 terminal of the floor wire harness 3P connector and body ground. There should be an open circuit, or at least 1 MΩ.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

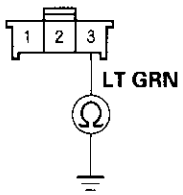
Is the resistance as specified?

YES—Go to step 12.

NO—Short to ground in the floor wire harness or multiplex control unit. Replace the faulty harness or part.■

12. Check resistance between the No. 3 terminal of the floor wire harness 3P connector and body ground. There should be an open circuit, or at least 1 MΩ.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

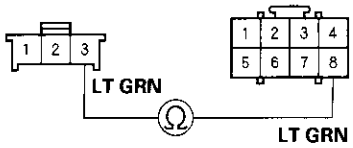
Is the resistance as specified?

YES—Go to step 13.

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

13. Check resistance between the No. 8 terminal of SRS unit connector C (8P) and the No. 3 terminal of the floor wire harness 3P connector. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR **SRS UNIT CONNECTOR C (8P)**



Wire side of female terminals

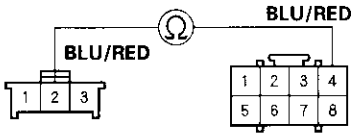
Is the resistance as specified?

YES—Go to step 14.

NO—Open in the floor wire harness; replace the floor wire harness.■

14. Check resistance between the No. 4 terminal of SRS unit connector C (8P) and the No. 2 terminal of the floor wire harness 3P connector. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR **SRS UNIT CONNECTOR C (8P)**



Wire side of female terminals

Is the resistance as specified?

YES—Replace the SRS unit (see page 23-122).■

NO—Open in the floor wire harness or multiplex control unit, or poor connection at the floor wire harness, the under-dash fuse/relay box, and the multiplex control unit. Check the connection at the floor wire harness, the under-dash fuse/relay box, and the multiplex control unit. If the connection is OK, replace the faulty harness or part.■

DTC Troubleshooting (cont'd)

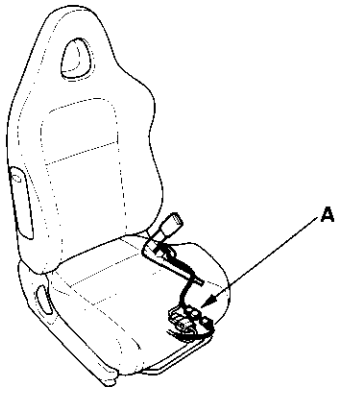
DTC 9-4: Faulty Front Passenger's Seat Belt Buckle Switch

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), then buckle and unbuckle the front passenger's seat belt several times.
3. Read the DTC.

   Is DTC 9-4 indicated?

   YES—Go to step 4.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
4. Turn the ignition switch OFF.
5. Disconnect the front passenger's seat belt buckle switch 3P connector (A) from the floor wire harness.

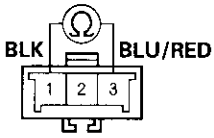


6. Buckle the front passenger's seat belt.

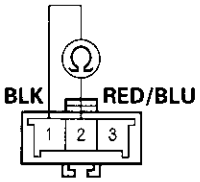
   Check resistance between the No. 1 and No. 3 terminals of the front passenger's seat belt buckle switch 3P connector. There should be 0—1 Ω.

   Check resistance between the No. 1 and No. 2 terminals of the same connector. There should be an open circuit, or at least 1 MΩ.

FRONT PASSENGER'S SEAT BELT BUCKLE SWITCH 3P CONNECTOR



Terminal side of male terminals



Terminal side of male terminals

Is the resistance as specified?

YES—Go to step 7.

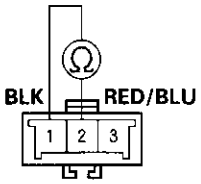
NO—Replace the front passenger's seat belt buckle assembly, then clear the DTC.■

7. Unbuckle the front passenger's seat belt.

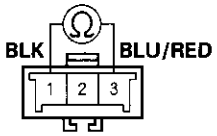
   Check resistance between the No. 1 and No. 2 terminals of the front passenger's seat belt buckle switch 3P connector. There should be 0—1 Ω.

   Check resistance between the No. 1 and No. 3 terminals of the same connector. There should be an open circuit, or at least 1 MΩ.

FRONT PASSENGER'S SEAT BELT BUCKLE SWITCH 3P CONNECTOR



Terminal side of male terminals



Terminal side of male terminals

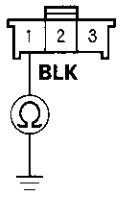
Is the resistance as specified?

YES—Go to step 8.

NO—Replace the front passenger's seat belt buckle assembly, then clear the DTC.■

8. Check resistance between the No. 1 terminal of the floor wire harness 3P connector and body ground. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 9.

NO—Open in the floor wire harness or poor ground connection at G551. If G551 is OK, replace the floor wire harness.■

9. Disconnect the negative cable from the battery.

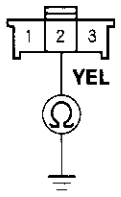
10. Disconnect SRS unit connector C (8P) from the SRS unit (see step 7 on page 23-22).

(cont'd)

DTC Troubleshooting (cont'd)

11. Check resistance between the No. 2 terminal of the floor wire harness 3P connector and body ground. There should be an open circuit, or at least 1 MΩ.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

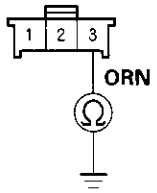
Is the resistance as specified?

YES—Go to step 12.

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

12. Check resistance between the No. 3 terminal of the floor wire harness 3P connector and body ground. There should be an open circuit, or at least 1 MΩ.

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

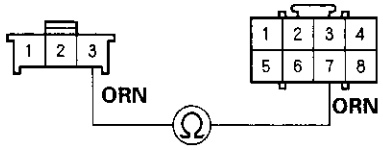
Is the resistance as specified?

YES—Go to step 13.

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

13. Check resistance between the No. 7 terminal of SRS unit connector C (8P) and the No. 3 terminal of the floor wire harness 3P connector. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR **SRS UNIT CONNECTOR C (8P)**



Wire side of female terminals

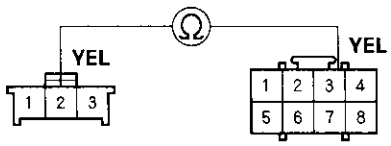
Is the resistance as specified?

YES—Go to step 14.

NO—Open in the floor wire harness; replace the floor wire harness.■

14. Check resistance between the No. 3 terminal of SRS unit connector C (8P) and the No. 2 terminal of the floor wire harness 3P connector. There should be 0—1 Ω.

FLOOR WIRE HARNESS 3P CONNECTOR **SRS UNIT CONNECTOR C (8P)**



Wire side of female terminals

Is the resistance as specified?

YES—Replace the SRS unit (see page 23-122).■

NO—Open in the floor wire harness; replace the floor wire harness.■

DTC 9-6: Faulty Left Front Impact Sensor

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Check the connections between SRS unit connector A (18P) and the SRS unit, between the engine compartment wire harness 2P connector and the left front impact sensor (see page 23-13), and at connector C401.

   Are the connections OK?

   YES—Go to step 4.

   NO—Repair the poor connections and retest. If DTC 9-6 is still present, go to step 4.

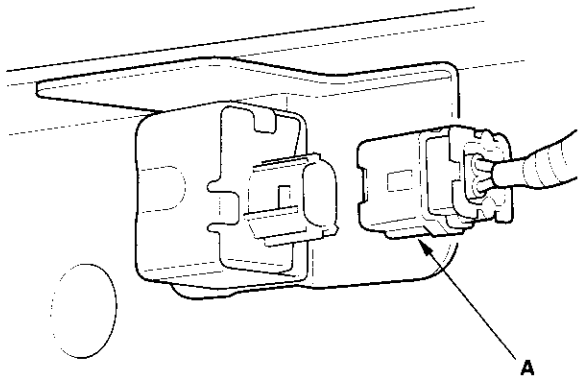
4. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

5. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).

6. Disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 3 on page 23-21).

7. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

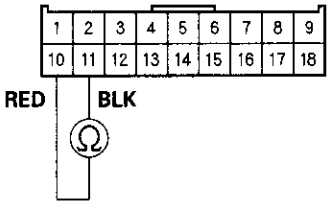
8. Disconnect the engine compartment wire harness 2P connector (A) from the left front impact sensor.



9. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

10. Check resistance between the No. 10 and No. 11 terminals of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 11.

NO—Short in the engine compartment wire harness or dashboard wire harness B; replace the faulty harness.■

11. Reconnect the battery negative cable.

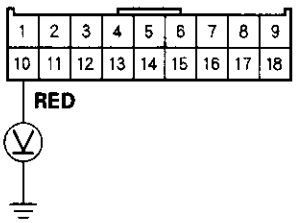
12. Turn the ignition switch ON (II).

(cont'd)

DTC Troubleshooting (cont'd)

13. Check voltage between the No. 10 terminal of SRS unit connector A (18P) and body ground. There should be 1 V or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

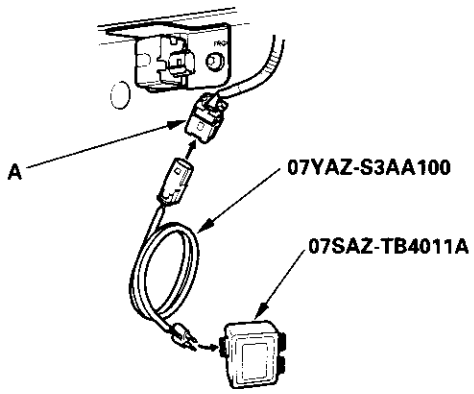
Is the voltage as specified?

YES—Go to step 14.

NO—Short to power in the engine compartment wire harness or dashboard wire harness B; replace the faulty harness. ■

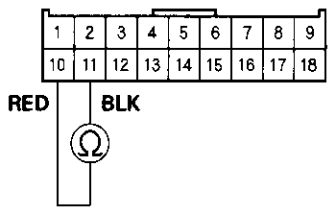
14. Turn the ignition switch OFF.

15. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the engine compartment wire harness 2P connector (A).



16. Check resistance between the No. 10 and No. 11 terminals of SRS unit connector A (18P). There should be 1 Ω or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty left front impact sensor or SRS unit; replace the left front impact sensor (see page 23-125). If the problem is still present, replace the SRS unit (see page 23-122). ■

NO—Poor connection at C401, faulty engine compartment wire harness, or faulty dashboard wire harness B. Inspect C401. If it is OK, replace the faulty harness. ■

DTC 9-7: Faulty Right Front Impact Sensor

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Check the connections between SRS unit connector A (18P) and the SRS unit, between the engine compartment wire harness 2P connector and the right front impact sensor (see page 23-13), and at connector C401.

   Are the connections OK?

   YES—Go to step 4.

   NO—Repair the poor connections and retest. If DTC 9-7 is still present, go to step 4.

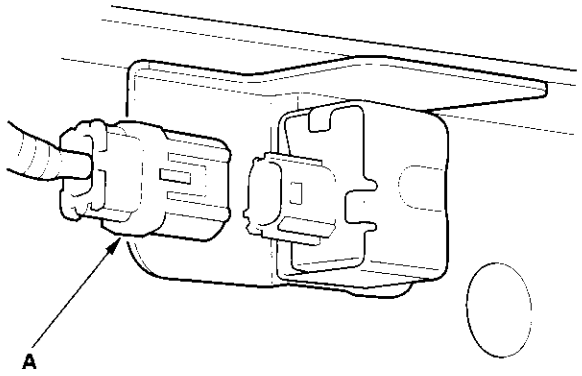
4. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

5. Disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).

6. Disconnect the front passenger's airbag 4P connector from the dashboard wire harness (see step 3 on page 23-21).

7. Disconnect both seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22).

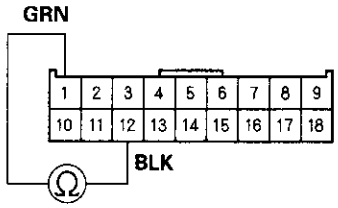
8. Disconnect the engine compartment wire harness 2P connector (A) from the right front impact sensor.



9. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

10. Check resistance between the No. 1 and No. 12 terminals of SRS unit connector A (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 11.

NO—Short in the engine compartment wire harness or dashboard wire harness B; replace the faulty harness.■

11. Reconnect the battery negative cable.

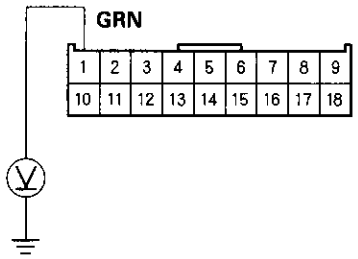
12. Turn the ignition switch ON (II).

(cont'd)

DTC Troubleshooting (cont'd)

13. Check voltage between the No. 1 terminal of SRS unit connector A (18P) and body ground. There should be 1 V or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

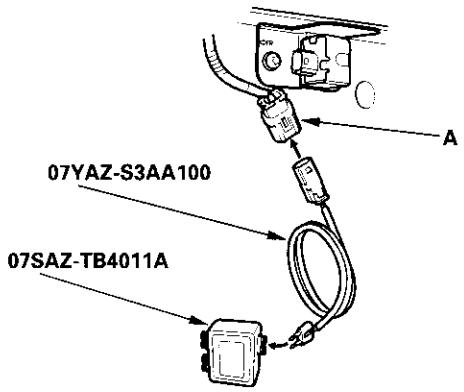
Is the voltage as specified?

YES—Go to step 14.

NO—Short to power in the engine compartment wire harness or dashboard wire harness B; replace the faulty harness. ■

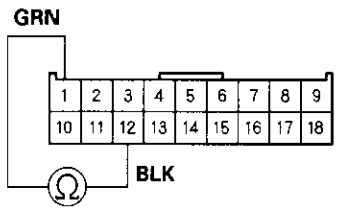
14. Turn the ignition switch OFF.

15. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the engine compartment wire harness 2P connector (A).



16. Check resistance between the No. 1 and No. 12 terminals of SRS unit connector A (18P). There should be 1 Ω or less.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty right front impact sensor or SRS unit; replace the right front sensor (see page 23-125). If the problem is still present, replace the SRS unit (see page 23-122). ■

NO—Poor connection at C401, faulty engine compartment wire harness, or faulty dashboard wire harness B. Inspect C401. If it is OK, replace the faulty harness. ■

DTC 11-1: Open or Increased Resistance in Driver's Side Airbag Inflator

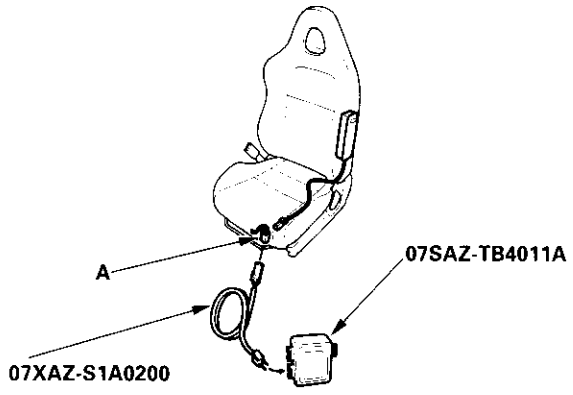
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 11-1 indicated?

   YES—Go to step 9.

   NO—Open or increased resistance in the driver's side airbag inflator; replace the driver's side airbag (see page 23-115). ■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the front passenger's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

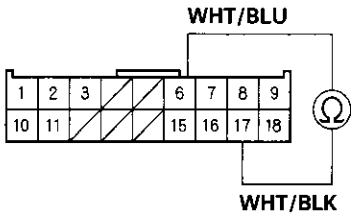
(cont'd)

DTC Troubleshooting (cont'd)

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from the floor wire harness 2P connector.

12. Check resistance between the No. 6 and No. 17 terminals of SRS unit connector B (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector B (18P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in the floor wire harness; replace the floor wire harness.■

DTC 11-3: Short to Another Wire or Decreased Resistance in Driver's Side Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

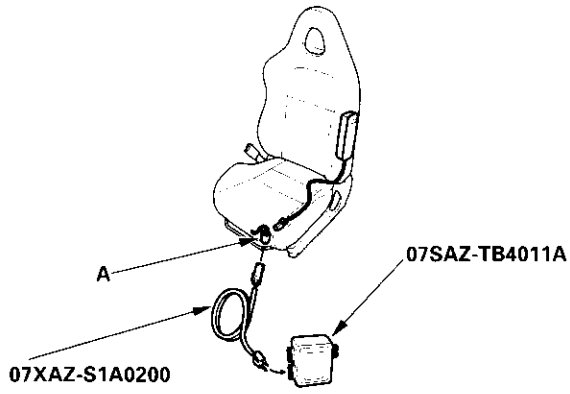
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 11-3 indicated?

   YES—Go to step 9.

   NO—Short to another wire in the driver's side airbag inflator; replace the driver's side airbag (see page 23-115).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

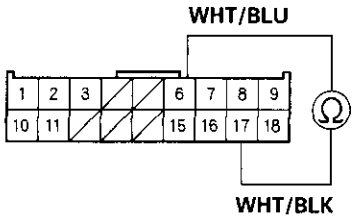
10. Disconnect the front passenger's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

11. Disconnect the special tool from the floor wire harness 2P connector.

12. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

13. Check resistance between the No. 6 and No. 17 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to another wire in the floor wire harness; replace the floor wire harness.■

DTC 11-4: Short to Power in Driver's Side Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

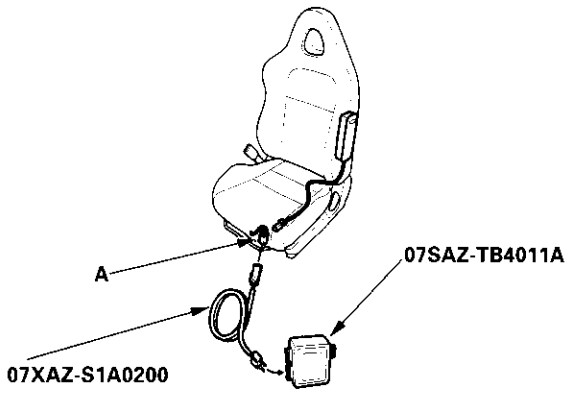
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.

(cont'd)

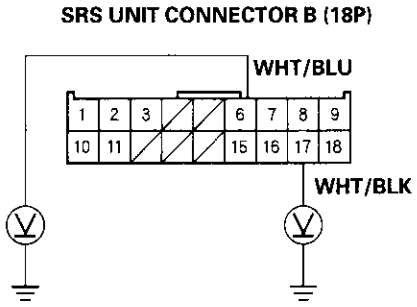
DTC Troubleshooting (cont'd)

6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 11-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the driver's side airbag inflator; replace the driver's side airbag (see page 23-115).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the front passenger's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
12. Turn the ignition switch ON (II).
13. Check for voltage between the No. 6 terminal of SRS unit connector B (18P) and body ground, and between the No. 17 terminal and body ground. There should be 0.5 V or less.



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in the floor wire harness; replace the floor wire harness.■

DTC 11-5: Short to Ground in Driver's Side Airbag Inflator

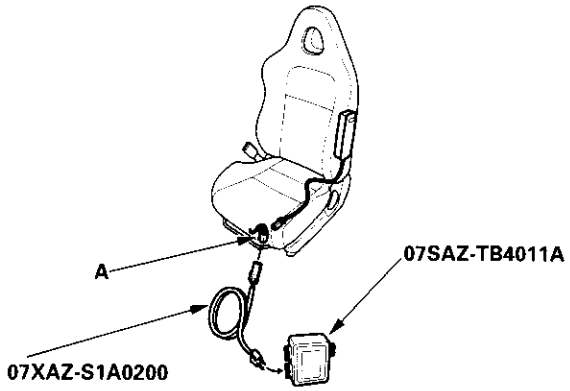
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag.

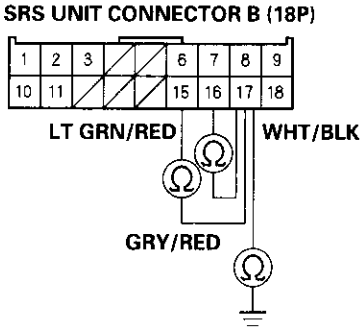


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 11-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the driver's side airbag inflator; replace the driver's side airbag (see page 23-115).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the front passenger's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
12. Check resistance between the No. 17 and No. 15 terminals of SRS unit connector B (18P), and between the No. 17 and No. 16 terminals. Then check resistance between the No. 17 terminal and body ground. There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

DTC Troubleshooting (cont'd)

DTC 12-1: Open or Increased Resistance in Front Passenger's Side Airbag Inflator

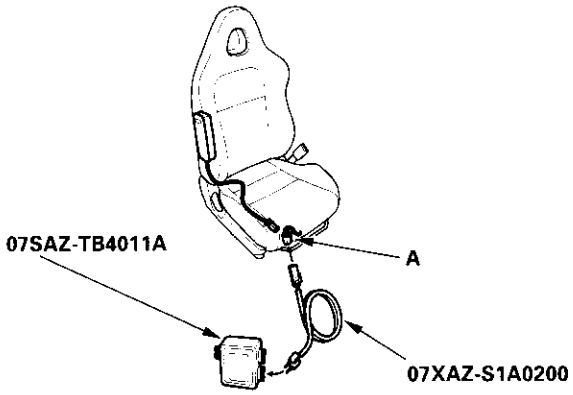
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 12-1 indicated?

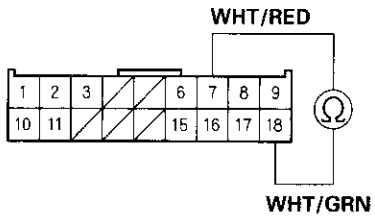
   YES—Go to step 9.

   NO—Open or increased resistance in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 23-115).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22). Do not disconnect the special tool from the floor wire harness 2P connector.

12. Check resistance between the No. 7 and No. 18 terminals of SRS unit connector B (18P). There should be 2.0—3.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector B (18P) and the SRS unit. Check the connection; If the connection is OK, replace the SRS unit (see page 23-122).■

NO—Open or increased resistance in the floor wire harness; replace the floor wire harness.■

DTC 12-3: Short to Another Wire or Decreased Resistance in Front Passenger's Side Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

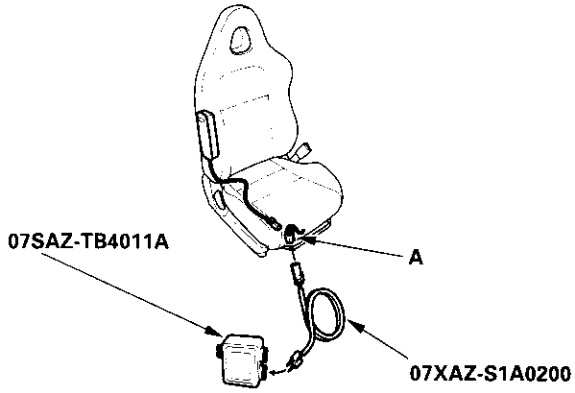
   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.

(cont'd)

DTC Troubleshooting (cont'd)

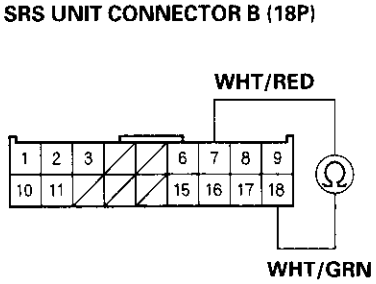
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 12-3 indicated?

   YES—Go to step 9

   NO—Short to another wire in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 23-115).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).
11. Disconnect the special tool from the floor wire harness 2P connector.
12. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
13. Check resistance between the No. 7 and No. 18 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to another wire in the floor wire harness; replace the floor wire harness.■

DTC 12-4: Short to Power in Front Passenger's Side Airbag Inflator

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

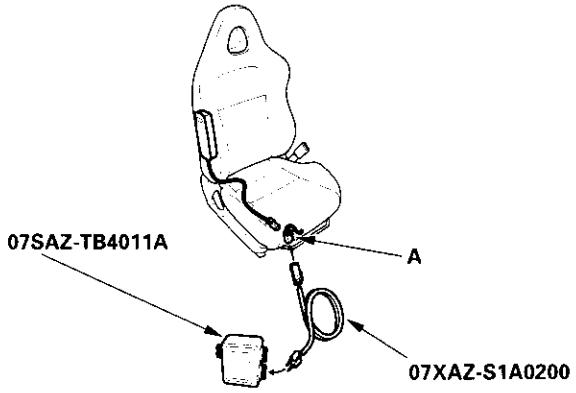
1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag.



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.

6. Reconnect the battery negative cable.

7. Erase the DTC memory.

8. Read the DTC.

   Is DTC 12-4 indicated?

   YES—Go to step 9.

   NO—Short to power in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 23-115).■

9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

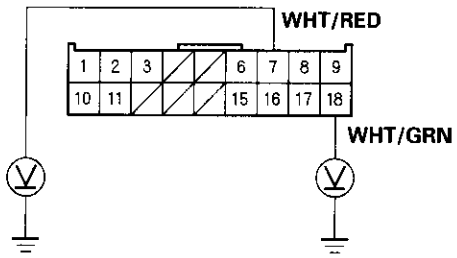
10. Disconnect the driver's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

12. Turn the ignition switch ON (II).

13. Check for voltage between the No. 7 terminal of SRS unit connector B (18P) and body ground, and between the No. 18 terminal and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in the floor wire harness; replace the floor wire harness.■

DTC Troubleshooting (cont'd)

DTC 12-5: Short to Ground in Front Passenger's Side Airbag Inflator

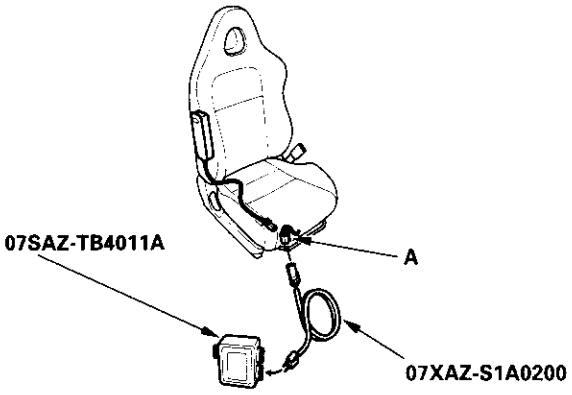
Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).
3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag.

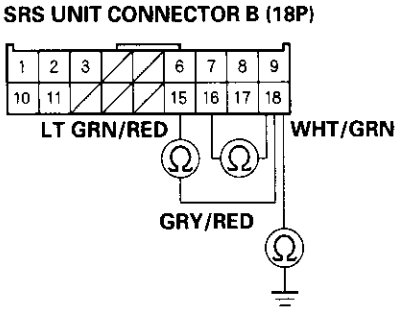


5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead E to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC.

   Is DTC 12-5 indicated?

   YES—Go to step 9.

   NO—Short to ground in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 23-115).■
9. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's side airbag 2P connector (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).
11. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).
12. Check resistance between the No. 15 and No. 18 terminals of SRS unit connector B (18P) and between the No. 16 and No. 18 terminals. Then check resistance between the No. 18 terminal and body ground. There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

DTC 13-3: No Signal from the Driver's Side Impact Sensor

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Check the connection between the floor wire harness 2P connector and the driver's side impact sensor.

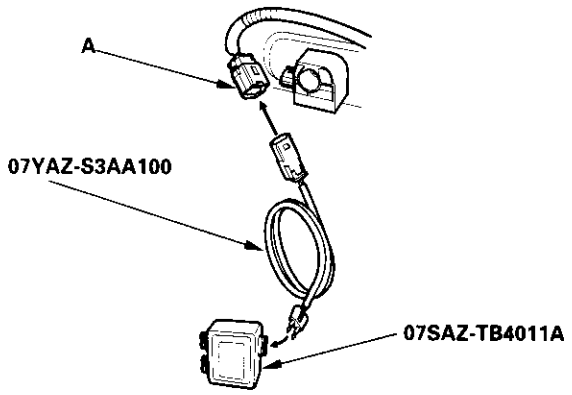
   Is the connection OK?

   YES—Go to step 5.

   NO—Replace the driver's side impact sensor and/or the floor harness, as needed. ■

5. Disconnect the driver's side airbag and front passenger's side airbag 2P connectors (see step 4 on page 23-21). Also disconnect both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

6. Disconnect the floor wire harness 2P connector (A) from the driver's side impact sensor.



7. Connect the SRS inflator simulator (2 Ω connector) and simulator lead H to the floor wire harness.

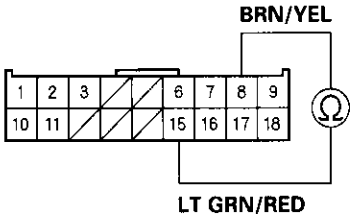
(cont'd)

DTC Troubleshooting (cont'd)

8. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

9. Check resistance between the No. 8 and No. 15 terminals of SRS unit connector B (18P). There should be 0—1.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty driver's side impact sensor or SRS unit; replace the driver's side impact sensor (see page 23-123). If the problem is still present, replace the SRS unit (see page 23-122).■

NO—Open in the floor wire harness; replace the floor wire harness.■

DTC 13-4: Faulty Power Supply to the Driver's Side Impact Sensor

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

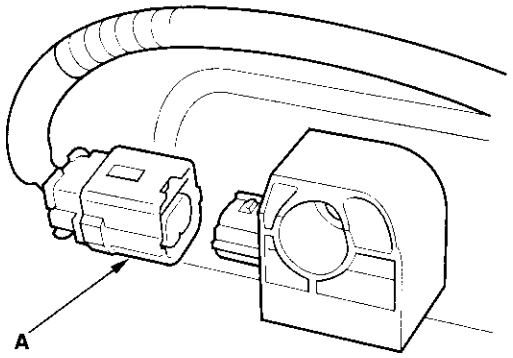
   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's side airbag and front passenger's side airbag 2P connectors (see step 4 on page 23-21). Also disconnect both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

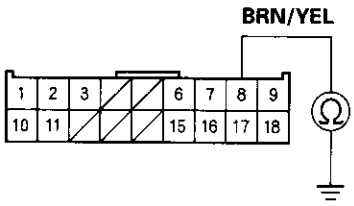
5. Disconnect the floor wire harness 2P connector (A) from the driver's side impact sensor.



6. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

7. Check resistance between the No. 8 terminal of SRS unit connector B (18P) and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

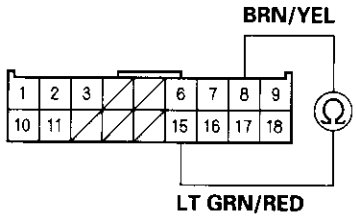
Is the resistance as specified?

YES—Go to step 8.

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

8. Check resistance between the No. 8 and No. 15 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty driver's side impact sensor or SRS unit; replace the driver's side impact sensor (see page 23-125). If the problem is still present, replace the SRS unit (see page 23-122).■

NO—Short in the floor wire harness; replace the floor wire harness.■

DTC Troubleshooting (cont'd)

DTC 14-3: No Signal from the Front Passenger's Side Impact Sensor

Special Tools Required
- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Check the connection between the floor wire harness 2P connector and the front passenger's side impact sensor.

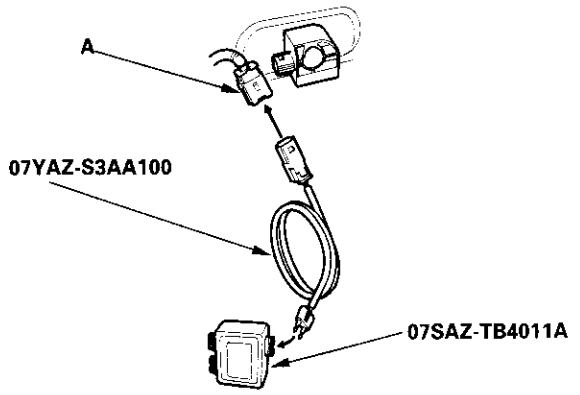
   Is the connection OK?

   YES—Go to step 5.

   NO—Poor contact between the floor wire harness 2P connector and the front passenger's side impact sensor; replace the front passenger's side impact sensor and/or the floor harness, as needed.

5. Disconnect the driver's side airbag and front passenger's side airbag 2P connectors (see step 4 on page 23-21). Also disconnect both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

6. Disconnect the floor wire harness 2P connector (A) from the front passenger's side impact sensor.

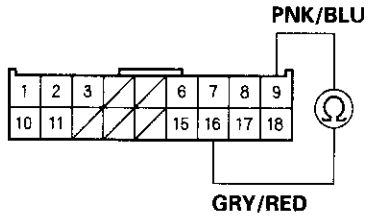


7. Connect the SRS inflator simulator (2 Ω connector) and the simulator lead H to the floor wire harness.

8. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

9. Check resistance between the No. 9 and No. 16 terminals of SRS unit connector B (18P). There should be 0—1.0 Ω.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty front passenger's side impact sensor or SRS unit; replace the front passenger's side impact sensor (see page 23-125). If the problem is still present, replace the SRS unit (see page 23-122). ■

NO—Open in the floor wire harness; replace the floor wire harness. ■

DTC 14-4: Faulty Power Supply to the Front Passenger's Side Impact Sensor

1. Erase the DTC memory (see page 23-26).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on?

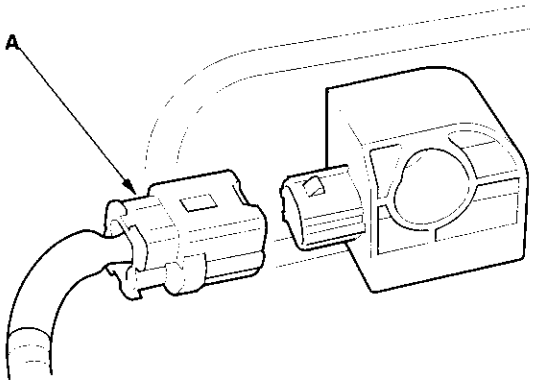
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

3. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

4. Disconnect the driver's side airbag and front passenger's side airbag 2P connectors (see step 4 on page 23-21). Also disconnect both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

5. Disconnect the floor wire harness 2P connector (A) from the front passenger's side impact sensor.

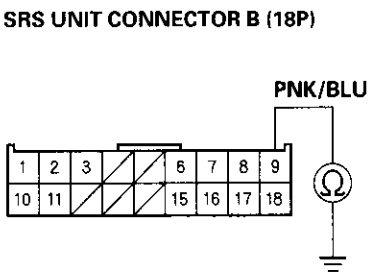


6. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

(cont'd)

DTC Troubleshooting (cont'd)

7. Check resistance between the No. 9 terminal of SRS unit connector B (18P) and body ground. There should be an open circuit, or at least 1 MΩ.



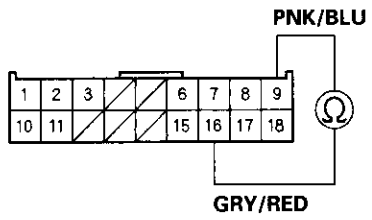
Wire side of female terminals

Is the resistance as specified?

YES—Go to step 8.

NO—Short to ground in the floor wire harness; replace the floor wire harness.■

8. Check resistance between the No. 9 and No. 16 terminals of SRS unit connector B (18P). There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Faulty front passenger's side impact sensor or SRS unit; replace the front passenger's side impact sensor (see page 23-125). If the problem is still present, replace the SRS unit (see page 23-122). ■

NO—Short in the floor wire harness; replace the floor wire harness.■

DTC 15-1: Faulty OPDS Unit

NOTE:
- An incorrect OPDS unit can cause DTC 15-1.
- A new (uninitialized) OPDS unit installed with a faulty OPDS sensor can cause DTC 15-1.
- If you install a new OPDS unit and a new SRS unit at the same time, initialize the OPDS manually (see page 23-27), do not use the Honda PGM Tester.

1. Make sure nothing is on the front passenger's seat.
2. Initialize the OPDS unit (see page 23-27).
3. Erase the DTC memory (see page 23-26).
4. Read the DTC.

   Is DTC 15-1 indicated?

   YES—Go to step 5.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

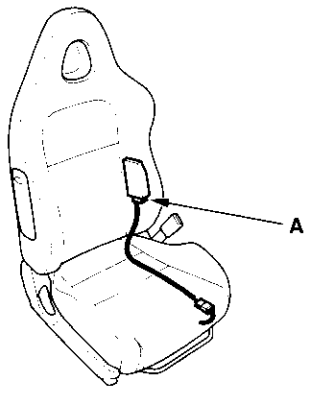
5. Check the No. 9 (10A) fuse in the under-dash fuse/relay box.

   Is the fuse OK?

   YES—Go to step 6.

   NO—Go to step 9.

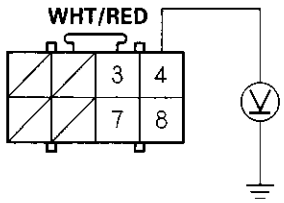
6. Disconnect OPDS unit harness 8P connector (A) from the OPDS unit (A) (see page 23-124).



7. Turn the ignition switch ON (II).

8. Check for voltage between the No. 4 terminal of OPDS unit harness 8P connector and body ground. There should be battery voltage.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

Is there battery voltage?

YES—Go to step 16.

NO—Open in the floor wire harness or OPDS unit harness; replace the faulty harness. ■

9. Replace the No. 9 (10A) fuse in the under-dash fuse/relay box.

10. Turn the ignition switch ON (II) for 30 seconds, then turn it off.

11. Check the No. 9 (10A) fuse.

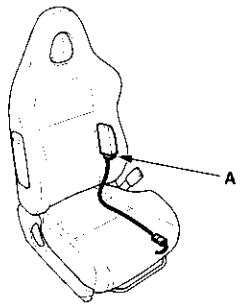
Is the fuse OK?

YES—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

NO—Go to step 12.

12. Replace the No. 9 (10A) fuse.

13. Disconnect OPDS unit harness 8P connector (A) from the OPDS unit.



14. Turn the ignition switch ON (II) for 30 seconds, then turn it off.

15. Check the No. 9 (10A) fuse.

Is the fuse OK?

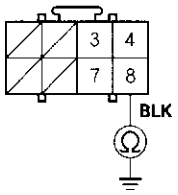
YES—Short to ground in the OPDS unit; replace the OPDS unit (see page 23-124). ■

NO—Short to ground in the No. 9 (10A) fuse circuit (floor harness, or OPDS harness); replace the affected harness. ■

16. Turn the ignition switch OFF.

17. Check resistance between the No. 8 terminal of OPDS unit harness 8P connector and body ground. There should be 0—1.0 Ω.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 18.

NO—Open in the floor wire harness or OPDS unit harness, or poor ground (G551). If G551 is OK, replace the faulty harness. ■

(cont'd)

DTC Troubleshooting (cont'd)

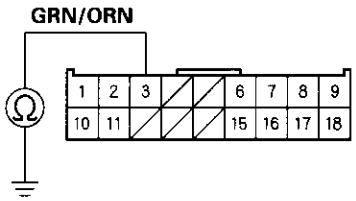
18. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

19. Disconnect both side airbag connectors (see step 4 on page 23-21) and both seat belt buckle tensioner 4P connectors (see step 6 on page 23-22).

20. Disconnect SRS unit connector B (18P) from the SRS unit (see step 7 on page 23-22).

21. Check resistance between the No. 3 terminal of SRS unit connector B (18P) and body ground. There should be an open circuit, or at least 1 MΩ .

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

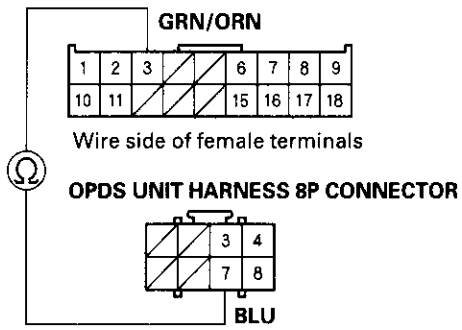
Is the resistance as specified?

YES— Go to step 22.

NO— Short to ground in the floor wire harness or OPDS unit harness; replace the faulty harness.■

22. Check resistance between the No. 3 terminal of SRS unit connector B (18P) and the No. 7 terminal of OPDS unit harness 8P connector. There should be 0— 1.0 Ω .

SRS UNIT CONNECTOR B (18P)



Is the resistance as specified?

YES— Go to step 23.

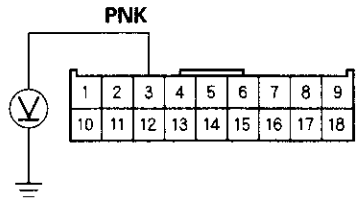
NO— Open in the floor wire harness or in the OPDS unit harness; replace the faulty harness.■

23. Reconnect the battery negative cable.

24. Turn the ignition switch ON (II).

25. Check for voltage between the No. 3 terminal of SRS unit connector B (18P) and body ground. There should be 0.5 V or less.

SRS UNIT CONNECTOR B (18P)



Wire side of female terminals

Is the voltage as specified?

YES—Go to step 26.

NO—Short to power in the floor wire harness or in the OPDS unit harness; replace the faulty harness. ■

26. Replace the OPDS unit (see page 23-124), then initialize the system (see page 23-27).

27. Erase the DTC memory, then check for DTC 15-1.

Is DTC 15-1 indicated?

YES—Replace the SRS unit (see page 23-122). ■

NO—The system is OK. ■

DTC 15-2: Faulty Side Airbag Cutoff Indicator Circuit

1. Make sure nothing is on the front passenger's seat.

2. Erase the DTC memory (see page 23-26).

3. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on?

YES—Turn the ignition switch OFF, and go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

NOTE: This DTC may have been caused by turning the ignition switch ON (II) with the gauge assembly disconnected.

4. Turn the ignition switch ON (II), and check that the side airbag cutoff indicator comes on.

Does the side airbag cutoff indicator come on?

YES—Go to step 5.

NO—Go to step 6.

5. Make sure the side airbag cutoff indicator goes off after 5 seconds.

Does the side airbag cutoff indicator go off after 5 seconds?

YES—Faulty OPDS unit or SRS unit; replace the OPDS unit (see page 23-124). If the problem is still present, replace the SRS unit (see page 23-122). ■

NO—Go to step 32.

6. Turn the ignition switch OFF.

(cont'd)

DTC Troubleshooting (cont'd)

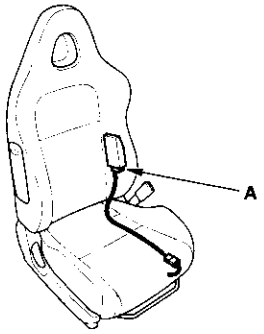
7. Check the No. 10 (7.5A) fuse in the under-dash fuse/relay box.

   Is the fuse OK?

   YES—Go to step 8.

   NO—Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short in the No. 10 (7.5A) fuse circuit (ECM wire harness, floor harness, or OPDS harness).■

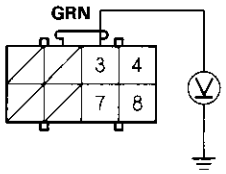
8. Disconnect the OPDS unit harness 8P connector (A) from the OPDS unit (see page 23-124).



9. Turn the ignition switch ON (II).

10. Check for voltage between the No. 3 terminal of the OPDS unit harness 8P connector and body ground. There should be battery voltage.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

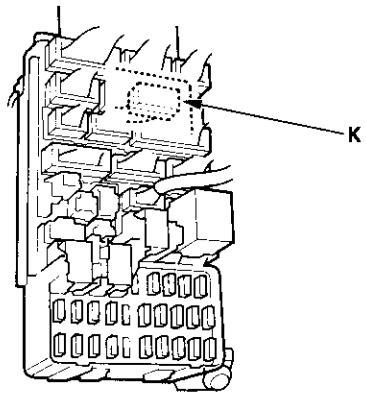
Is there battery voltage?

YES—Go to step 11.

NO—Go to step 23.

11. Turn the ignition switch OFF.

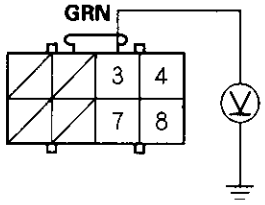
12. Disconnect the dashboard wire harness 17P connector K from the under-dash fuse/relay box.



13. Turn the ignition switch ON (II).

14. Check for voltage between the No. 3 terminal of the OPDS unit harness 8P connector and body ground. There should be 0.5 V or less.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

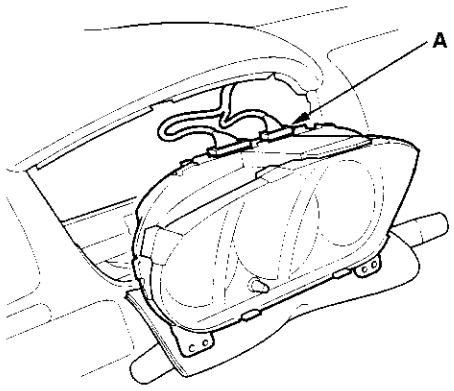
Is the voltage as specified?

YES—Faulty OPDS unit; replace the OPDS unit (see page 23-124).■

NO—Go to step 15.

15. Turn the ignition switch OFF.

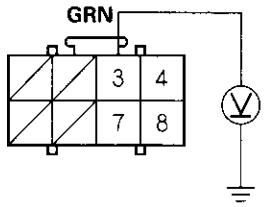
16. Remove the gauge assembly (see page 22-64). Then disconnect gauge assembly connector A from the gauge assembly.



17. Turn the ignition switch ON (II).

18. Check for voltage between the No. 3 terminal of the OPDS unit harness 8P connector and body ground. There should be 0.5 V or less.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

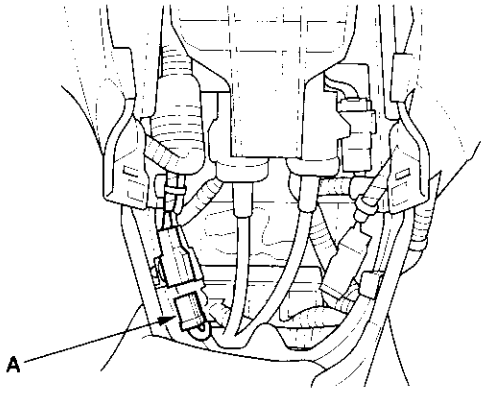
Is the voltage as specified?

YES—Short to power in the gauge assembly; replace the gauge assembly.■

NO—Go to step 19.

19. Turn the ignition switch OFF.

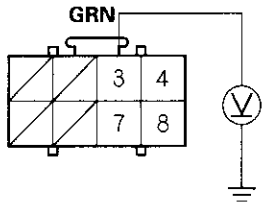
20. Disconnect floor wire harness 6P connector C509 (A) from the dashboard wire harness.



21. Turn the ignition switch ON (II).

22. Check for voltage between the No. 3 terminal of the OPDS unit harness 8P connector and body ground. There should be 0.5 V or less.

OPDS UNIT HARNESS 8P CONNECTOR



Wire side of female terminals

Is the voltage as specified?

YES—Short to power in dashboard wire harness A; replace dashboard wire harness A.■

NO—Short to power in the floor wire harness or in the OPDS unit harness; if the OPDS unit harness is OK, replace the floor wire harness.■

(cont'd)

DTC Troubleshooting (cont'd)

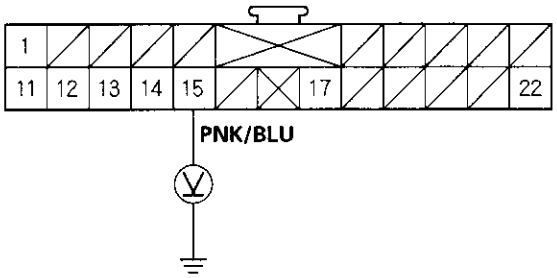
23. Turn the ignition switch OFF.

24. Remove the gauge assembly (see page 22-64). With the connectors still connected to the gauge assembly, backprobe the No. 15 terminal of gauge assembly connector A (22P).

25. Turn the ignition switch ON (II).

26. Check for voltage between the No. 15 terminal of gauge assembly connector A (22P) and body ground. There should be battery voltage.

GAUGE ASSEMBLY CONNECTOR A (22P)



Wire side of female terminals

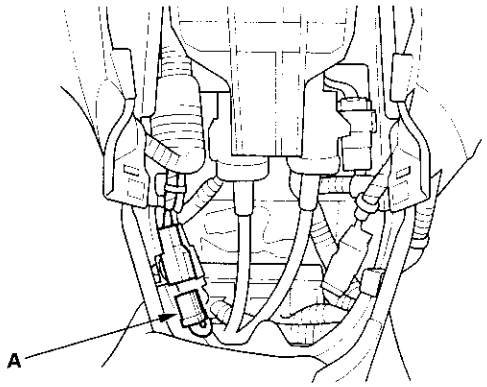
Is there battery voltage?

YES—Go to step 27.

NO—Go to step 31.

27. Turn the ignition switch OFF.

28. Disconnect floor wire harness 6P connector C509 (A) from dashboard wire harness.

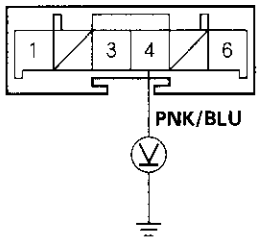


29. Turn the ignition switch ON (II).

30. '02 model: Check for voltage between the No. 4 terminal of dashboard wire harness A 6P connector C509 and body ground. There should be battery voltage.
'03 model: Check for voltage between the No. 5 terminal of dashboard wire harness A 8P connector C509 and body ground. There should be battery voltage.

'02 Model:

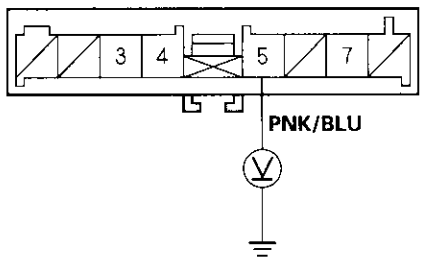
DASHBOARD WIRE HARNESS A 6P CONNECTOR



Terminal side of male terminals

'03 Model:

DASHBOARD WIRE HARNESS A 8P CONNECTOR



Terminal side of male terminals

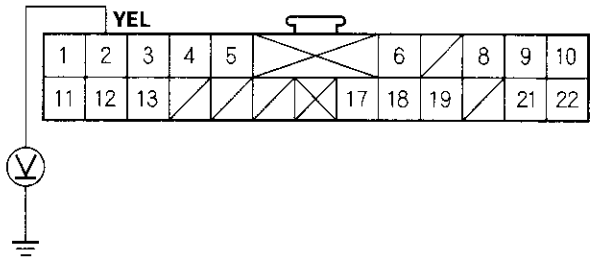
Is there battery voltage?

YES—Poor contact at the dashboard wire harness A 6P or 8P connector and floor wire harness, an open in the floor wire harness, or an open in the OPDS unit harness. Check the connection; if the connection is OK, replace the faulty harness. ■

NO—Poor contact at gauge assembly connector A (22P) or an open in dashboard wire harness A. Check gauge assembly connector A (22P); if the connections are OK, replace dashboard wire harness A. ■

31. Check for voltage between the No. 2 terminal of gauge assembly connector B (22P) and body ground. There should be battery voltage.

GAUGE ASSEMBLY CONNECTOR B (22P)



Wire side of female terminals

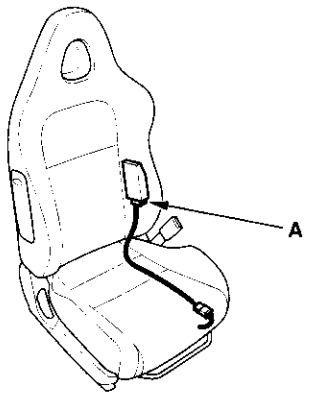
Is there battery voltage?

YES—Faulty side airbag cutoff indicator circuit; replace the gauge assembly. ■

NO—Open in dashboard wire harness A; replace dashboard wire harness A. ■

32. Turn the ignition switch OFF.

33. Disconnect the OPDS unit harness 8P connector (A) from the OPDS unit (see page 23-124).



34. Turn the ignition switch ON (II).

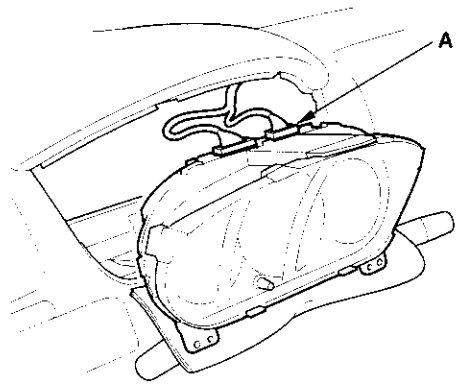
Does the side airbag cutoff indicator come on?

YES—Go to step 35.

NO—Faulty OPDS unit; replace the OPDS unit. ■

35. Turn the ignition switch OFF.

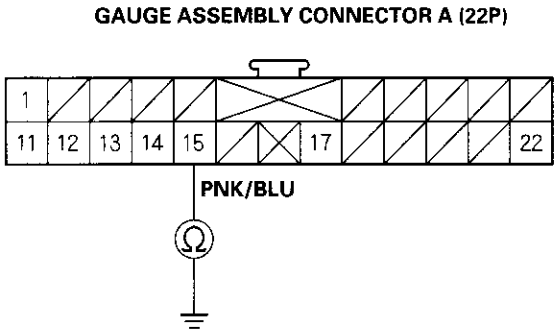
36. Remove the gauge assembly (see page 22-64). Then disconnect gauge assembly connector A from the gauge assembly.



(cont'd)

DTC Troubleshooting (cont'd)

37. Check resistance between the No. 15 terminal of gauge assembly connector A (22P) and body ground. There should be an open circuit, or at least 1 MΩ.



Wire side of female terminals

Is the resistance as specified?

YES—Short to ground in the side airbag cutoff indicator circuit; replace the gauge assembly. ■

NO—Short to ground in the dashboard wire harness A, floor wire harness, or OPDS unit harness; replace the faulty harness. ■

DTC 15-3: Faulty OPDS Sensor

1. Erase the DTC memory (see page 23-26).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

   Does the SRS indicator stay on?

   YES—Go to step 3.

   NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 23-26).

   NOTE: Aftermarket devices (fluorescent lights, laptop computers, etc.) used near the front passenger's seat-back can interfere with the seat-back sensors and cause a false DTC 15-3. If one of these devices was used, erase the DTC, operate the device near the seat-back, and recheck for DTCs. If DTC 15-3 is reset, erase it, and do not use the device near the seat-back.

3. Check the connection at the OPDS sensor harness connector and the OPDS unit connector.

   Are the connections OK?

   YES—Go to step 4.

   NO—Reconnect the OPDS sensor harness connector, and clear the DTC. ■

4. Replace the OPDS sensor/seat-back foam (see page 20-74), and initialize the OPDS (see page 23-27).
5. Erase the DTC memory, then check for DTC 15-3.

   Is DTC 15-3 indicated?

   YES—Replace the OPDS unit (see page 23-124). ■

   NO—The system is OK. ■

SRS Indicator Circuit Troubleshooting

The SRS Indicator Doesn't Come On

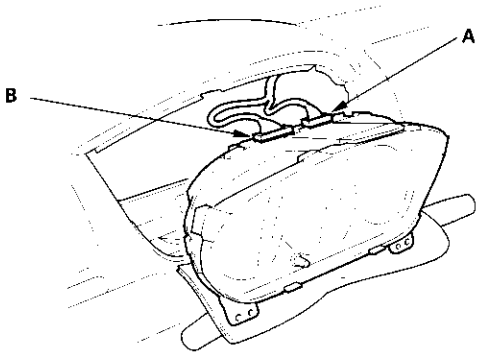
1. Turn the ignition switch ON (II), and see if the other indicators come on (brake system, etc).

   Do the other indicators come on?

   YES—Go to step 2.

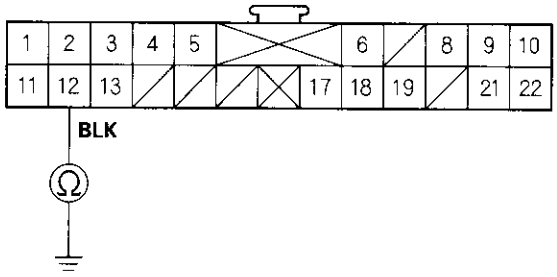
   NO—Go to step 8.

2. Turn the ignition switch OFF, then remove the gauge assembly (see page 22-64). Disconnect gauge assembly connector A and B from the gauge assembly.



3. Check resistance between the No. 12 terminal of gauge assembly connector B (22P) and body ground. There should be 0—1.0 Ω.

GAUGE ASSEMBLY CONNECTOR B (22P)



Wire side of female terminals

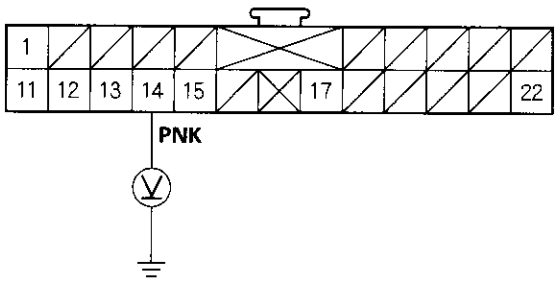
Is the resistance as specified?

YES—Go to step 4.

NO—Open in the BLK wire of dashboard wire harness A or faulty body ground terminal (G501). If the body ground terminal is OK, replace dashboard wire harness A.■

4. Check for voltage between the No. 14 terminal of gauge assembly connector A (22P) and body ground within the first 6 seconds after turning the ignition switch ON (II). There should be 8.5 V or less.

GAUGE ASSEMBLY CONNECTOR A (22P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS indicator circuit in the gauge assembly; replace the gauge assembly.■

NO—Go to step 5.

5. Turn the ignition switch OFF.

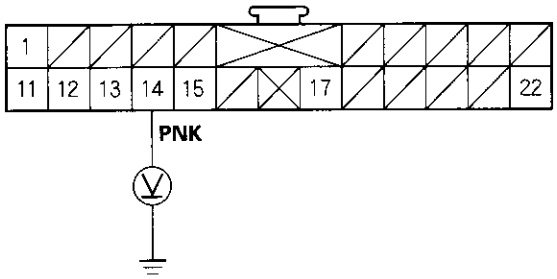
(cont'd)

SRS Indicator Circuit Troubleshooting (cont'd)

6. Disconnect SRS unit connector C (8P) from the SRS unit (see step 7 on page 23-22).

7. Disconnect gauge assembly connector A (22P). Connect a voltmeter between the No. 14 terminal of gauge assembly connector A (22P) and body ground. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.

GAUGE ASSEMBLY CONNECTOR A (22P)



Wire side of female terminals

Is the voltage as specified?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122).■

NO—Short to power in the PNK wire of dashboard wire harness A or in the floor wire harness; replace the faulty harness.■

8. Turn the ignition switch OFF. Check the No. 10 (7.5A) fuse in the under-dash fuse/relay box.

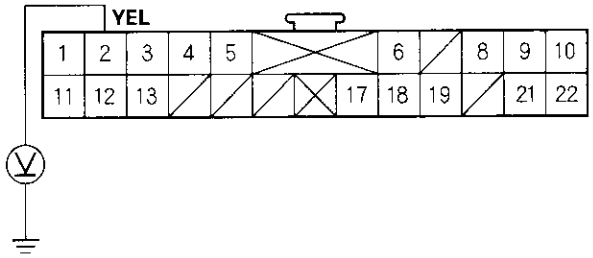
Is the fuse blown?

YES—Go to step 10.

NO—Go to step 9.

9. Connect a voltmeter between the No. 2 terminal of gauge assembly connector B (22P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage.

GAUGE ASSEMBLY CONNECTOR B (22P)



Wire side of female terminals

Is there battery voltage?

YES—Faulty SRS indicator circuit in the gauge assembly or poor contact at gauge assembly connector B (22P) and the gauge assembly; if the connection is OK, replace the gauge assembly.■

NO—Open in the under-dash fuse/relay box No. 10 (7.5A) fuse circuit, or open in the YEL wire of dashboard wire harness A. If the under-dash fuse/relay box is OK, replace the faulty harness.■

10. Replace the No. 10 (7.5A) fuse, then check to see if the indicators comes on.

Do the indicators come on?

YES—The system is OK at this time.■

NO—Repair the short to ground in the under-dash fuse/relay box No. 10 (7.5A) fuse circuit.■

The SRS Indicator Stays On When In "SCS" Menu Method

NOTE:
- If you cannot retrieve DTCs with the PGM Tester using the SRS menu method, retrieve the flash codes with the Tester in SCS mode (see page 23-24).
- A new SRS unit must sense the entire system is OK before completing its initial self-test. The most common cause of an incomplete self-test is the failure to replace all deployed parts after a collision, in particular, seat belt tensioners and seat belt buckle tensioners.
- An incomplete self-test prevents the PGM Tester from retrieving DTCs, although flash codes are available in the Tester's SCS mode.

1. Erase the DTC memory using the MES connector (see page 23-26).

   Does the SRS indicator go off while you are erasing the DTC memory?

   YES—Go to step 42.

   NO—Go to step 2.

2. Check the No. 13 (10A) fuse in the under-dash fuse/relay box.

   Is the fuse OK?

   YES—Go to step 19.

   NO—Go to step 3.

3. Replace the No. 13 (10A) fuse.

4. Turn the ignition switch ON (II), and wait for 30 seconds. Then turn the ignition switch OFF.

5. Check the No. 13 (10A) fuse.

   Is the fuse OK?

   YES—The system is OK at this time.■

   NO—Go to step 6.

6. Replace the No. 13 (10A) fuse.

7. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

8. Disconnect the driver's airbag 4P connector (see step 2 on page 23-21).

9. Disconnect the front passenger's airbag 4P connector (see step 3 on page 23-21).

10. Disconnect both seat belt tensioner 2P connectors (see step 5 on page 23-22).

11. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

12. Reconnect the battery negative cable.

13. Turn the ignition switch ON (II), and wait for 30 seconds. Then turn the ignition switch OFF.

14. Check the No. 13 (10A) fuse.

    Is the fuse OK?

    YES—Short to ground in the SRS unit; replace the SRS unit (see page 23-122).■

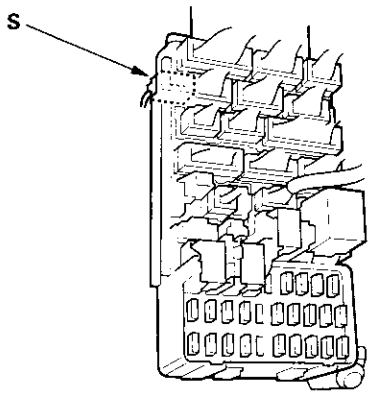
    NO—Go to step 15.

15. Replace the No. 13 (10A) fuse.

(cont'd)

SRS Indicator Circuit Troubleshooting (cont'd)

16. Disconnect dashboard wire harness B connector S from the under-dash fuse/relay box.



17. Turn the ignition switch ON (II), and wait for 30 seconds. Then turn the ignition switch OFF.

18. Check the No. 13 (10A) fuse.

    Is the fuse OK?

    YES—Short to ground in dashboard wire harness B; replace dashboard wire harness B.■

    NO—Short to ground in the under-dash fuse/relay box; replace the under-dash fuse/relay box.■

19. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.

20. Disconnect the driver's airbag 4P connector (see step 2 on page 23-21).

21. Disconnect the front passenger's airbag 4P connector (see step 3 on page 23-21).

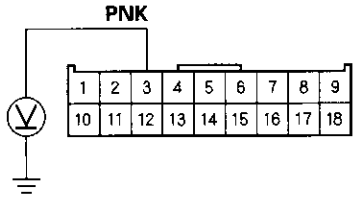
22. Disconnect both seat belt tensioner 2P connectors (see step 5 on page 23-22).

23. Disconnect SRS unit connector A (18P) from the SRS unit (see step 7 on page 23-22).

24. Reconnect the battery negative cable.

25. Connect a voltmeter between the No. 3 terminal of SRS unit connector A (18P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage.

SRS UNIT CONNECTOR A (18P)



Wire side of female terminals

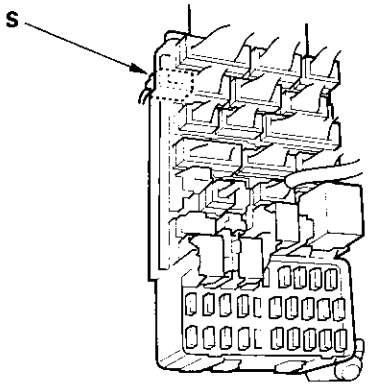
Is there battery voltage?

YES—Go to step 29.

NO—Go to step 26.

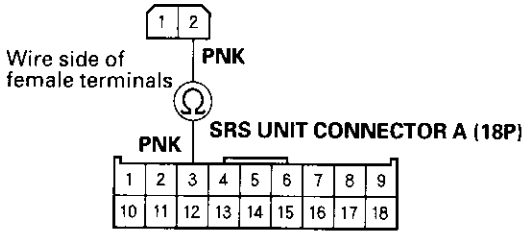
26. Turn the ignition switch OFF.

27. Disconnect dashboard wire harness B connector S from the under-dash fuse/relay box.



28. Check resistance between the No. 3 terminal of SRS unit connector A (18P) and the No. 2 terminal of dashboard wire harness B connector S. There should be 0—1.0 Ω.

DASHBOARD WIRE HARNESS B CONNECTOR S



Wire side of female terminals

Is the resistance as specified?

YES—Open in the under-dash fuse/relay box or poor contact at dashboard wire harness B connectors; check the connection. If the connection is OK, replace the under-dash fuse/relay box. ■

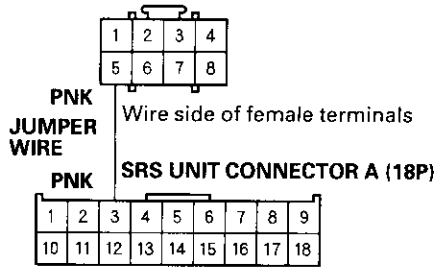
NO—Open in dashboard wire harness B; replace dashboard wire harness B. ■

29. Turn the ignition switch OFF.

30. Disconnect SRS unit connector C (8P) from the SRS unit (see step 7 on page 23-22).

31. Connect the No. 3 terminal of SRS unit connector A (18P) and the No. 5 terminal of SRS unit connector C (8P) with a jumper wire.

SRS UNIT CONNECTOR C (8P)



Wire side of female terminals

32. Turn the ignition switch ON (II).

33. Check the SRS indicator.

Did the SRS indicator go off?

YES—Faulty SRS unit; replace the SRS unit (see page 23-122). ■

NO—Go to step 34.

34. Turn the ignition switch OFF.

35. Disconnect the jumper wire between the No. 3 terminal of SRS unit connector A (18P) and the No. 5 terminal of SRS unit connector C (8P).

36. Check the No. 13 (10A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES—Go to step 40.

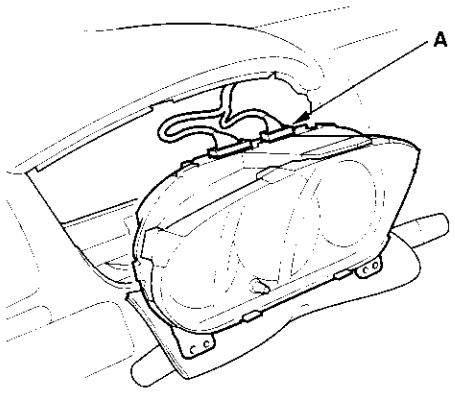
NO—Go to step 37.

37. Replace the No. 13 (10A) fuse.

(cont'd)

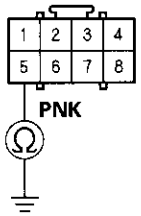
SRS Indicator Circuit Troubleshooting (cont'd)

38. Remove the gauge assembly (see page 22-64), then disconnect gauge assembly connector A from the gauge assembly.



39. Check resistance between the No. 5 terminal of SRS unit connector C (8P) and body ground. There should be an open circuit, or at least 1 MΩ.

SRS UNIT CONNECTOR C (8P)



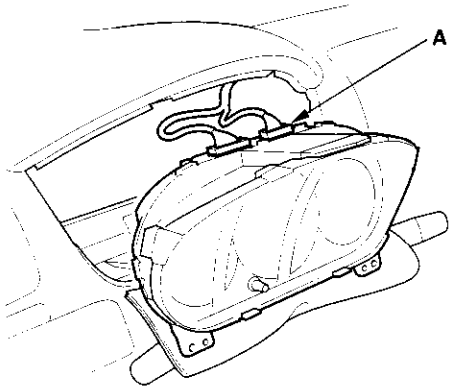
Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS indicator circuit in the gauge assembly; replace the gauge assembly.■

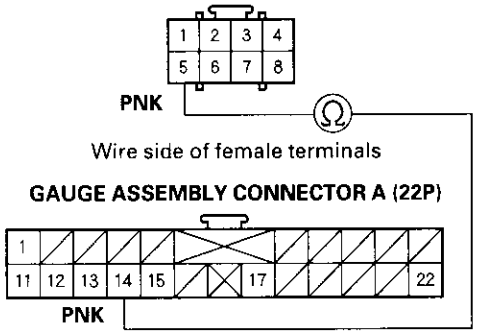
NO—Short to ground in the floor wire harness or in dashboard wire harness A; replace the faulty harness.■

40. Remove the gauge assembly (see page 22-64), then disconnect gauge assembly connector A from the gauge assembly.



41. Check resistance between the No. 14 terminal of gauge assembly connector A (22P) and the No. 5 terminal of SRS unit connector C (8P). There should be 1 Ω or less.

SRS UNIT CONNECTOR C (8P)



Is the resistance as specified?

YES—Faulty SRS indicator circuit in the gauge assembly or poor contact at gauge assembly connector A (22P); check the connection. If the connection is OK, replace the gauge assembly.■

NO—Open in the floor wire harness or in dashboard wire harness A; replace the faulty harness.■

42. Turn the ignition switch OFF.

43. If necessary, remove the SCS service connector from the MES connector.

44. Turn the ignition switch ON (II).

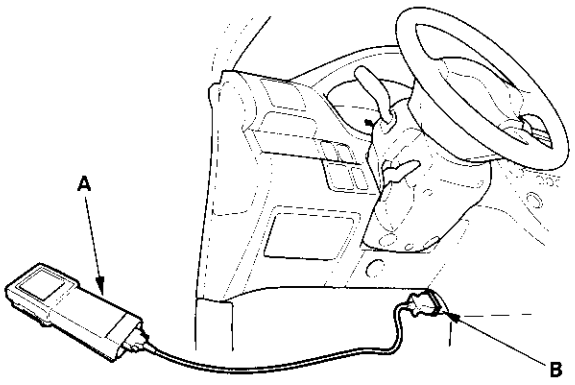
    Does the SRS indicator come on for about 6 seconds and then go off?

    YES—The system is OK at this time. ■

    NO—Go to step 45.

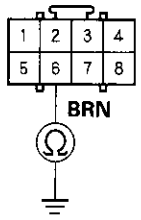
45. Disconnect SRS unit connector C (8P) from the SRS unit (see step 7 on page 23-22).

46. Connect the Honda PGM Tester (A) to the Data Link Connector (B), and follow the Tester's prompts in the "SCS" menu (see the Tester's operating manual).



47. Check resistance between the No. 6 terminal of SRS unit connector C (8P) and body ground. There should be 0—1.0 Ω.

SRS UNIT CONNECTOR C (8P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty SRS unit or poor contact at SRS unit connector C (8P); check the connection. If the connection is OK, replace the SRS unit (see page 23-122). ■

NO—Open in the SCS line between the No. 6 terminal of SRS unit connector C (8P) and the No. 9 terminal (BRN wire) of the data link connector (DLC), or open between the No. 4 terminal of the DLC and body ground. Repair the open wire(s). ■

Component Replacement/Inspection After Deployment

NOTE: Before doing any SRS repairs, use the PGM Tester SRS menu method to check for DTCs; refer to the DTC Troubleshooting Index for the less obvious deployed parts (seat belt tensioners, front sensors, side airbag sensors, etc.)

After a collision where the seat belt tensioners deployed, replace these items:
- Seat belt tensioners
- Seat belt buckle tensioners
- SRS unit
- Front impact sensors

After a collision where the front airbag(s) deployed, replace these items:
- SRS unit
- Deployed airbag(s)
- Seat belt tensioners
- Seat belt buckle tensioners
- Front impact sensors

After a collision where the side airbag(s) deployed, replace these items:
- SRS unit
- Deployed side airbag(s)
- Side impact sensor(s) for the side(s) that deployed

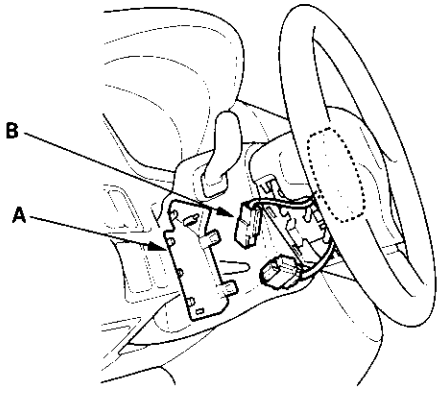
During the repair process, inspect these areas:
- Inspect all the SRS wire harnesses. Replace, don't repair, any damaged harnesses.
- Inspect the cable reel for heat damage. If there is any damage, replace the cable reel.

After the vehicle is completely repaired, turn the ignition switch ON (II). If the SRS indicator comes on for about 6 seconds and then goes off, the SRS airbag system is OK. If the indicator does not function properly, use the PGM Tester SRS Menu Method to read the DTC (see page 23-23). If this doesn't retrieve any codes, use the Tester's SCS menu method (see page 23-24). If you still cannot retrieve a code, go to SRS Indicator Circuit Troubleshooting.

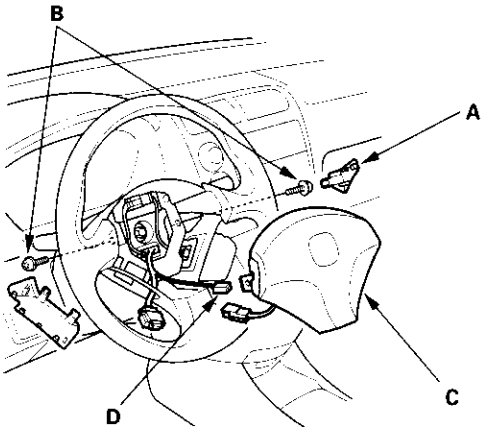
Driver's Airbag Replacement

Removal

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Remove the access panel (A) from the steering wheel, then disconnect the driver's airbag 4P connector (B) from the cable reel.



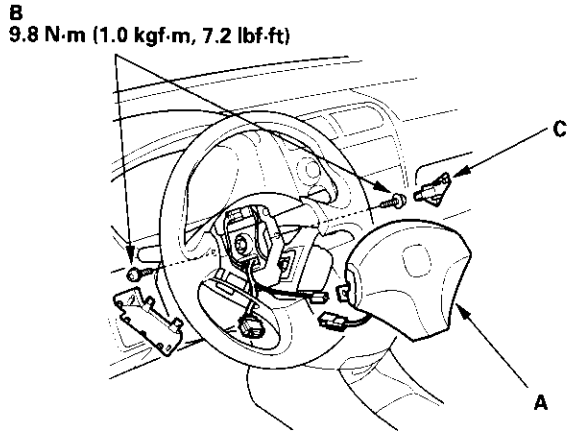
3. Remove the maintenance cover (A), then remove the two Torx bolts (B) using a Torx T30 bit.



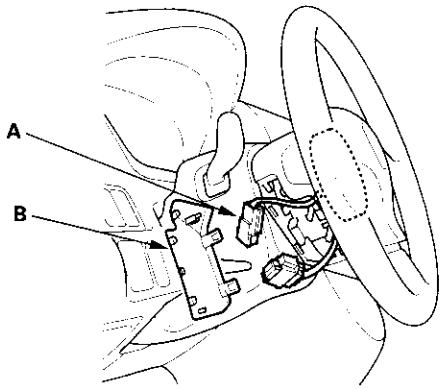
4. Disconnect the horn switch connector (1P) (D).
5. Remove the driver's airbag (C).

Installation

1. Connect the horn switch connector (1P) to the driver's airbag.
2. Place the new driver's airbag (A) in the steering wheel, and secure it with new Torx bolts (B), and install the maintenance cover (C).



3. Connect the cable reel to the driver's airbag 4P connector (A), then install the access panel (B) on the steering wheel.

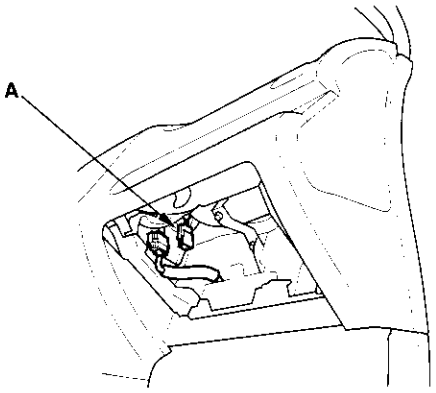


4. Connect the battery negative cable.
5. After installing the airbag, confirm proper system operation:
   - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
   - Make sure the horn works.

Front Passenger's Airbag Replacement

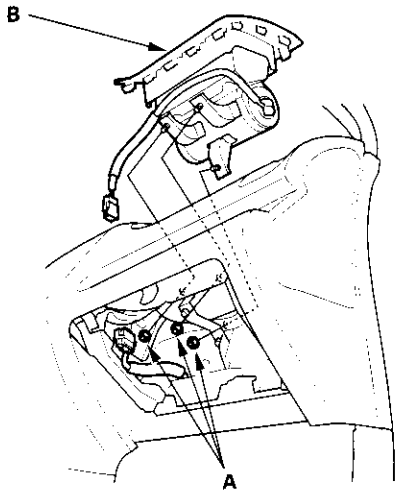
Removal

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Remove the glove box stops, and lower the glove box.
3. Disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness B.



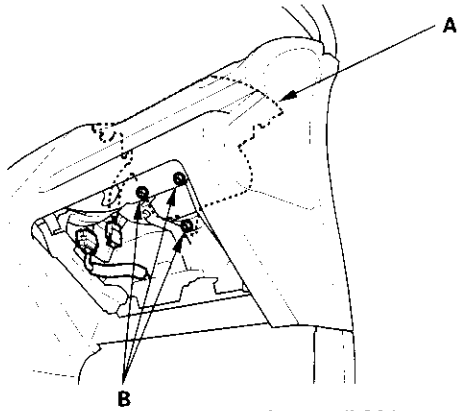
4. Remove the three mounting nuts (A) from the bracket. Cover the lid and dashboard with a cloth, and pry carefully with a screwdriver to lift the front passenger's airbag (B) out of the dashboard.

   NOTE: The airbag lid has pawls on its side which attach it to the dashboard.



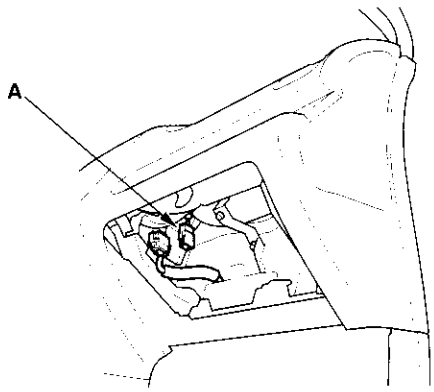
Installation

1. Place the new front passenger's airbag (A) into the dashboard. Tighten the front passenger's airbag mounting nuts (B).



9.8 N·m (1.0 kgf·m, 7.2 lbf·ft)

2. Connect the front passenger's airbag 4P connector (A) to dashboard wire harness B.



3. Raise the glove box, and reinstall the stops.
4. Reconnect the battery negative cable.
5. After installing the airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

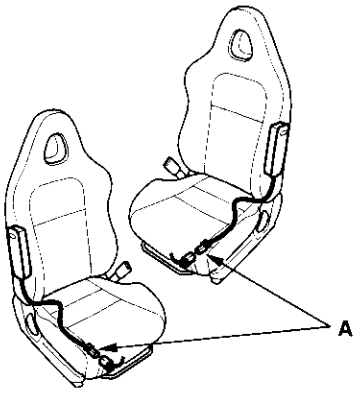
Side Airbag Replacement

NOTE: Review the seat replacement procedure in the Body section before performing repairs or service.

Removal

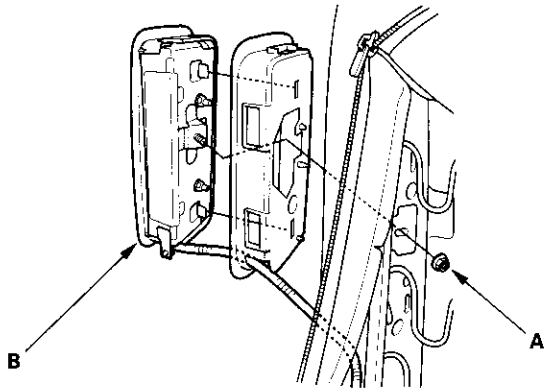
1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.

2. Disconnect the side airbag harness 2P connector (A).



3. Remove the seat assembly (see page 20-71) and seat-back cover (see page 20-75).

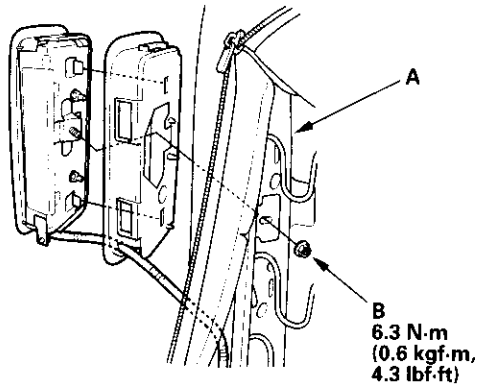
4. Remove the mounting nut (A) and the side airbag (B).



Installation

NOTE:
- If the side airbag lid is secured by a tape, remove the tape.
- Do not open the lid of the side airbag cover.
- Use new mounting nuts tightened to the specified torque.
- Make sure that the seat-back cover is installed properly. Improper installation may prevent proper deployment.
- Be sure to install the harness wires so that they are not pinched or interfering with other parts.

1. Place the new side airbag on the seat-back frame (A). Tighten the side airbag mounting nuts (B).



2. Install the seat-back cover (see page 20-75).

3. Install the seat assembly (see page 20-71), then connect the side airbag harness 2P connector.

4. Move the front seat and the seat-back through their full ranges of movement, making sure the harness wires are not pinched or interfering with other parts.

5. Reconnect the battery negative cable.

6. After installing the side airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Airbag Disposal

Special Tool Required
Deployment tool 07HAZ-SG00500

Before scrapping any airbags, side airbags, seat belt tensioners, or seat belt buckle tensioners (including those in a whole vehicle to be scrapped), the airbags, side airbags, seat belt tensioners, or seat belt buckle tensioners must be deployed. If the vehicle is still within the warranty period, the Honda District Service Manager must give approval and/or special instruction before deploying the airbags, side airbags, seat belt tensioners, or seat belt buckle tensioners. Only after the airbags, side airbags, seat belt tensioners, or seat belt buckle tensioners have been deployed (as the result of vehicle collision, for example), can they be scrapped.

If the airbags, side airbags, seat belt tensioners, and seat belt buckle tensioners appear intact (not deployed), treat them with extreme caution. Follow this procedure.

Deploying Airbags in the Vehicle

If an SRS equipped vehicle is to be entirely scrapped, its airbags, side airbags, seat belt tensioners, and seat belt buckle tensioners should be deployed while still in the vehicle. The airbags, side airbags, seat belt tensioners, and seat belt buckle tensioners should not be considered as salvageable parts and should never be installed in another vehicle.

1. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait at least 3 minutes.
2. Confirm that each airbag, side airbag, or seat belt tensioner is securely mounted.
3. Confirm that the special tool is functioning properly by following the check procedure on the tool label.

Driver's Airbag:

4. Remove the access panel from the steering wheel, then disconnect the driver's airbag 4P connector from the cable reel (see step 2 on page 23-21).

Front Passenger's Airbag:

5. Lower the glove box, then disconnect the front passenger's airbag 4P connector from dashboard wire harness B (see step 3 on page 23-21).

Side Airbag:

6. Disconnect the side airbag 2P connectors from the floor wire harness (see step 4 on page 23-21).

Seat belt tensioner:

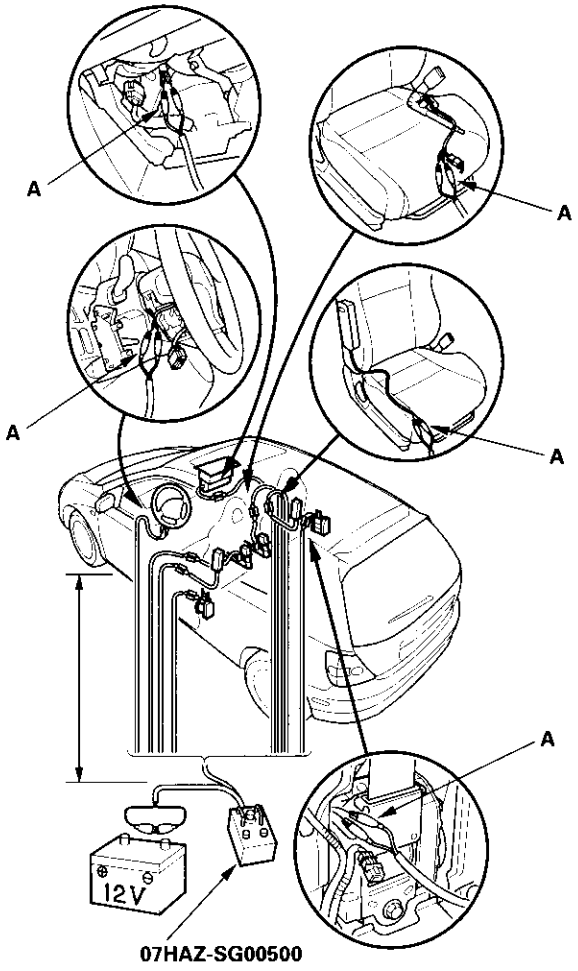
7. Disconnect the seat belt tensioner 2P connectors from the floor wire harness (see step 5 on page 23-22). Pull the seat belt out all the way, and cut it off.

Seat belt buckle tensioner:

8. Disconnect the seat belt buckle tensioner 4P connectors from the floor wire harness (see step 6 on page 23-22).

9. Cut off each connector, strip the ends of the wires, and connect the deployment tool alligator clips (A) to the wires. Place the deployment tool at least 30 feet (10 meters) away from the vehicle.

   NOTE: The driver's airbag and the front passenger's airbag each have four wires, two yellow and two red. Twist each pair of unlike colored wires together, and connect an alligator clip to each pair.



07HAZ-SG00500

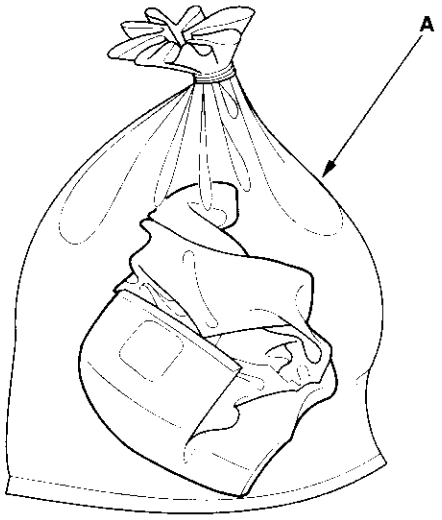
10. Connect a 12 volt battery to the tool.

    - If the green light on the tool comes on, the igniter circuit is defective and cannot deploy the component. Go to Disposal of Damaged Components.
    - If the red light on the tool comes on, the component is ready to be deployed.

11. Push the tool's deployment switch. The airbags and tensioners should deploy (deployment is both highly audible and visible: a loud noise and rapid inflation of the bag, followed by slow deflation).

    - If the components deploy and the green light on the tool comes on, continue with this procedure.
    - If a component doesn't deploy, yet the green light comes on, its igniter is defective. Go to Disposal of Damaged components.
    - During deployment, the airbags can become hot enough to burn you. Wait 30 minutes after deployment before touching the airbags.

12. Dispose of the complete airbag. No part of it can be reused. Place it in a sturdy plastic bag (A), and seal it securely.

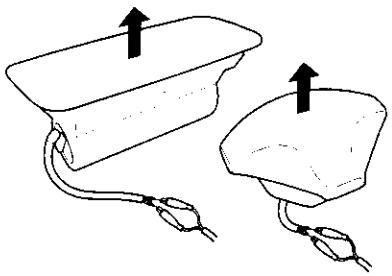


(cont'd)

Airbag Disposal (cont'd)

Deploying Components Out of the Vehicle

If an intact airbag or tensioner has been removed from a scrapped vehicle, or has been found defective or damaged during transit, storage, or service, it should be deployed as follows:



1. Confirm that the special tool is functioning properly by following the check procedure on this page or on the tool label.
2. Position the airbag face up, outdoors, on flat ground, at least 30 feet (10 meters) from any obstacles or people.
3. Follow steps 9 through 11 of the in-vehicle deployment procedure.

Disposal of Damaged Components

1. If installed in a vehicle, follow the removal procedure for the driver's airbag (see page 23-113), front passenger's airbag (see page 23-114), side airbag (see page 23-115), seat belt tensioner (see page 23-4), and seat belt buckle tensioner.
2. In all cases, make a short circuit by cutting, stripping, and twisting together the two inflator wires.

   NOTE: The driver's and passenger's airbag each have four wires: twist each pair of like-colored wires together
3. Package the component in the same packaging that the new replacement part came in.
4. Mark the outside of the box "DAMAGED AIRBAG NOT DEPLOYED", "DAMAGED SIDE AIRBAG NOT DEPLOYED", "DAMAGED SEAT BELT TENSIONER NOT DEPLOYED" or "DAMAGED SEAT BELT BUCKLE TENSIONER NOT DEPLOYED" so it does not get confused with your parts stock.
5. Contact your Honda District Service Manager for how and where to return it for disposal.

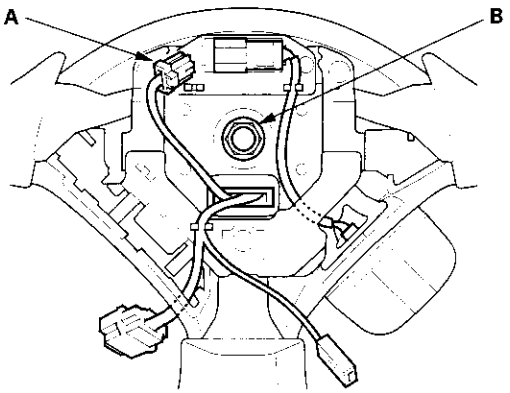
Deployment Tool Check

1. Connect the yellow clips to both switch protector handles on the tool; connect the tool to a battery.
2. Push the operation switch: green means the tool is OK; red means the tool is faulty.
3. Disconnect the battery and the yellow clips.

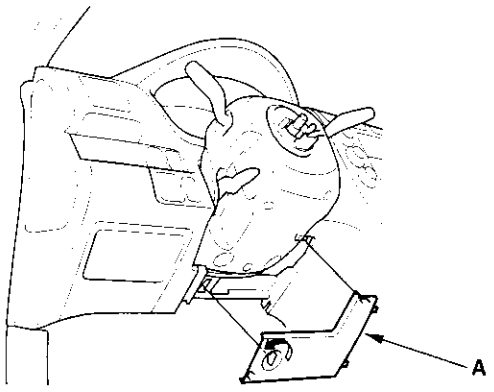
Cable Reel Replacement

Removal

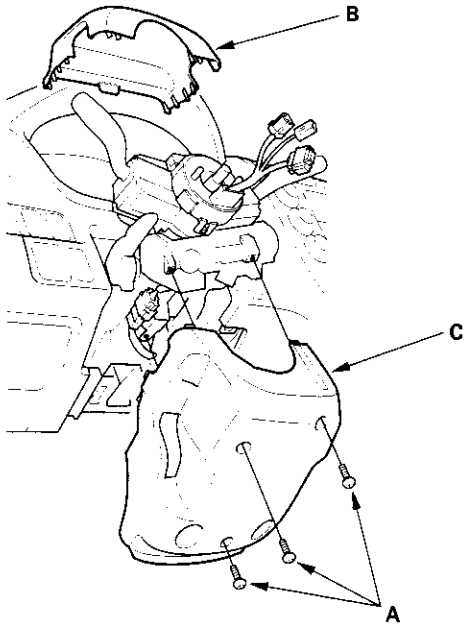
1. Make sure the front wheels are aligned straight ahead.
2. Disconnect the battery negative cable, and wait at least 3 minutes.
3. Remove the driver's airbag (see page 23-113).
4. Disconnect the connector (A) from the cruise control set/resume switch, then remove the steering wheel bolt (B).



5. Align the front wheels straight ahead, then remove the steering wheel with a steering wheel puller (see step 3 on page 17-6).
   Do not tap on the steering wheel or steering column shaft when removing the steering wheel.
6. Remove the dashboard lower cover (A).



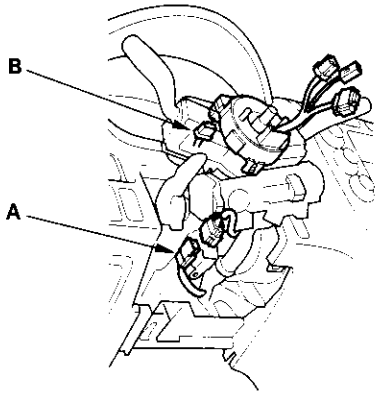
7. Remove the column cover screws (A), then remove the column covers (B, C).



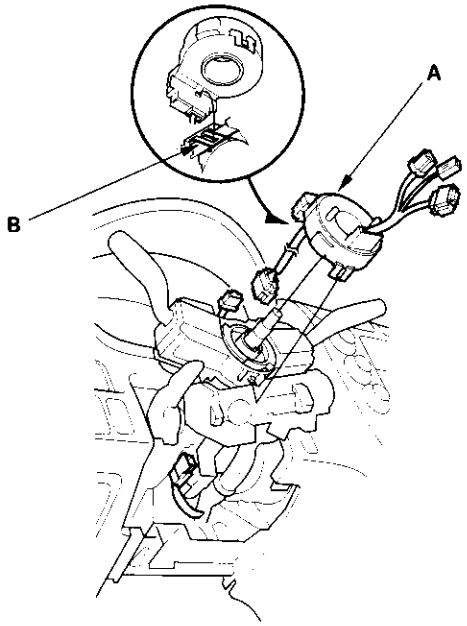
(cont'd)

Cable Reel Replacement (cont'd)

8. Disconnect the dashboard wire harness 4P connector (A) from the cable reel, then disconnect the dashboard wire harness 5P connector (B) from the cable reel.

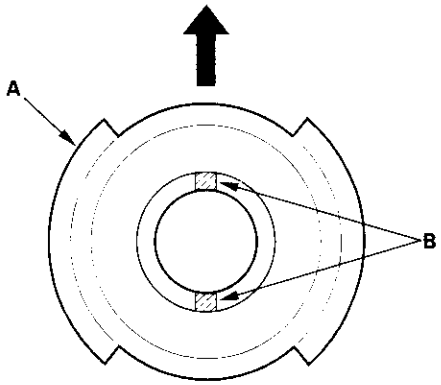


9. Release the tab (B), then pull off the cable reel (A).

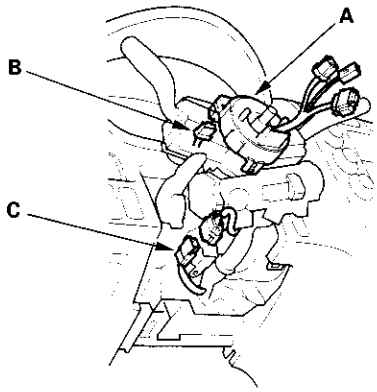


Installation

1. Before installing the steering wheel, align the front wheels straight ahead.
2. If not already done, disconnect the battery negative cable, and wait at least 3 minutes.
3. Set the cancel sleeve (A) so the projections (B) are aligned vertically.

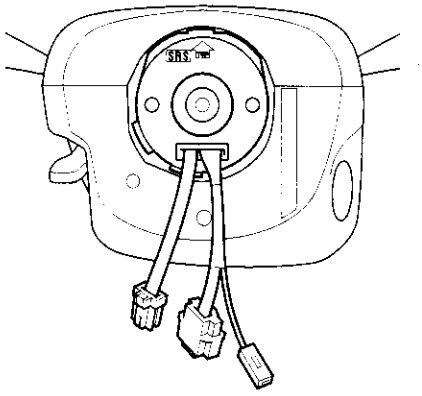


4. Carefully install the cable reel (A) on the steering column shaft. Then connect the 5P connector (B) and the 4P connector (C).

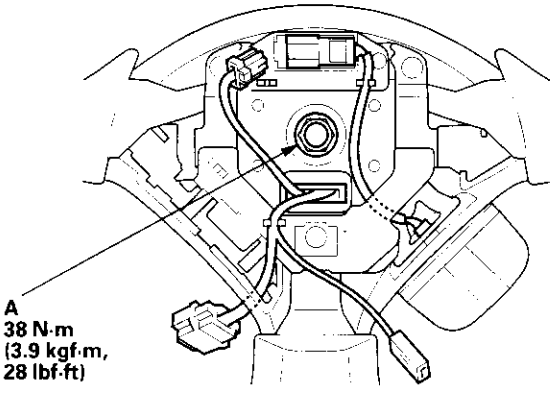


5. Install the steering column covers.

6. If necessary, center the cable reel. (New replacement cable reels come centered.) Do this by first rotating the cable reel clockwise until it stops. Then rotate it counterclockwise (about 2 1/2 turns) until the arrow mark on the cable reel label points straight up.



7. Align the projections on the cable reel with the holes on the steering wheel, and install the steering wheel with a new steering wheel bolt (A).



8. Install the driver's airbag (see page 23-113).

9. Reconnect the battery negative cable.

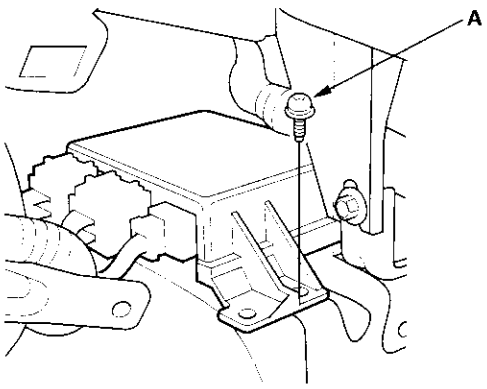
10. After installing the cable reel, confirm proper system operation:

    - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
    - After the SRS indicator has turned off, turn the steering wheel fully left and right to confirm the SRS indicator does not come on.
    - Make sure the horn works.
    - Make sure the cruise control works.

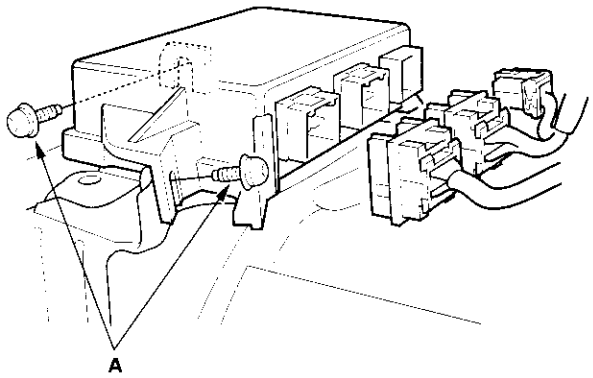
SRS Unit Replacement

Removal

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Disconnect the driver's and front passenger's airbag connectors (see page 23-21).
3. Disconnect the side airbag connectors (see page 23-21).
4. Disconnect both seat belt tensioner connectors (see page 23-22) and both seat belt buckle tensioner connectors (see page 23-22).
5. Remove the dashboard center lower cover (see step 2 on page 20-57).
6. Pull down the console carpet on the passenger's side, then remove the Torx bolt (A) from the SRS unit.



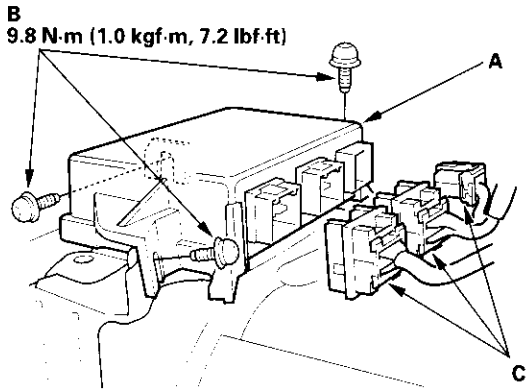
7. Pull down the console carpet on the driver's side, then disconnect the connectors. Remove the Torx bolts (A), then pull out the SRS unit.



Installation

1. Install the new SRS unit (A) with Torx bolts (B), then connect the connectors (C) to the SRS unit; push them into position until they clicks.

   NOTE: When tightening the Torx bolts to the specified torque, be careful to turn them in so that their heads rest squarely on the brackets.

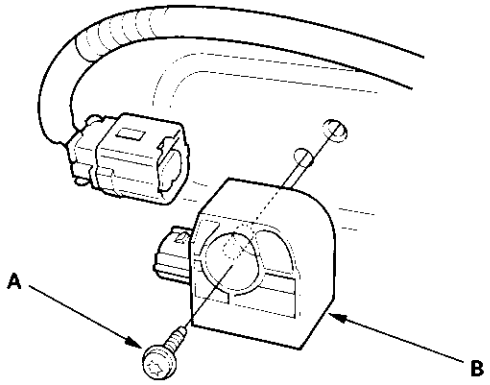


2. Reinstall the dashboard center lower cover (see step 2 on page 20-57).
3. Reconnect the driver's and front passenger's airbag connectors (see page 23-21).
4. Reconnect the side airbag connectors (see page 23-21).
5. Reconnect both seat belt tensioner connectors (see page 23-22) and both seat belt buckle tensioner connectors (see page 23-22).
6. Reconnect the battery negative cable.
7. Initialize the OPDS unit (see page 23-27).
8. After installing the SRS unit, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Side Impact Sensor Replacement

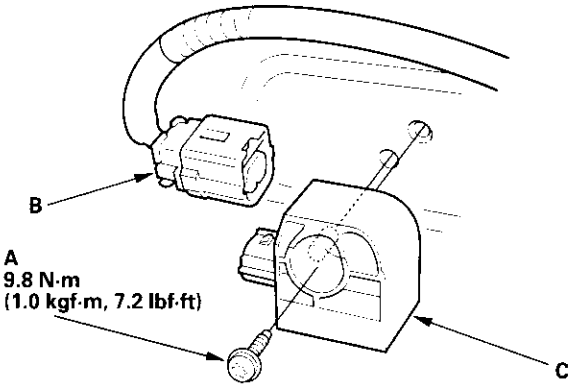
Removal

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Disconnect the appropriate side airbag 2P connector (see step 4 on page 23-21).
3. Remove the seat assembly (see page 20-71).
4. Remove the front door sill trim and the B-pillar lower trim panel (see page 20-50).
5. Disconnect the floor wire harness 2P connector from the side impact sensor.
6. Remove the Torx bolt (A) using a Torx T30 bit, then remove the side impact sensor (B).



Installation

1. Install the new side impact sensor with a new Torx bolt (A), then connect the floor wire harness 2P connector (B) to the side impact sensor (C).



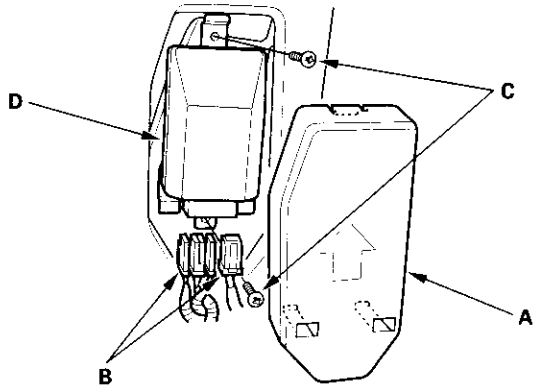
2. Reconnect the negative battery cable.
3. After installing the side impact sensor, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
4. Install all removed parts.

OPDS Unit Replacement

NOTE: Review the seat replacement procedures in the body section before performing repairs or service.

Removal

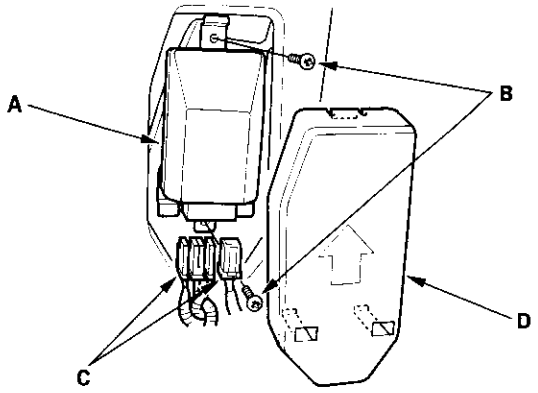
1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Disconnect the passenger's side airbag harness 2P connector (see step 4 on page 23-21).
3. Remove the front passenger's seat assembly (see page 20-71) and seat-back cover (see page 20-75).
4. Remove the cover (A), then disconnect the OPDS unit harness 8P and sensor connectors (B) from the OPDS unit.



5. Remove the two screws (C) and the OPDS unit (D).

Installation

1. Place the new OPDS unit (A) on the seat-back frame. Tighten the two screws (B), and connect the OPDS unit harness 8P and sensor connectors (C) to the OPDS unit. Reinstall the cover (D).

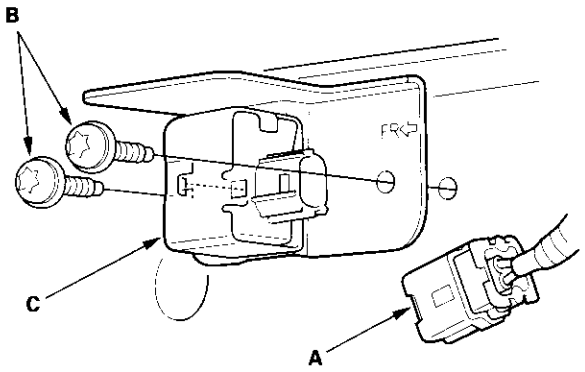


2. Install the seat-back cover (see page 20-75).
3. Install the seat assembly (see page 20-71), then connect the side airbag harness 2P connector.
4. Reconnect the battery negative cable.
5. Set the seat-back in the normal position, and make sure there is nothing on the front passenger's seat.
6. Initialize the OPDS unit (see page 23-27).
7. After installing the OPDS unit, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Front Impact Sensor Replacement

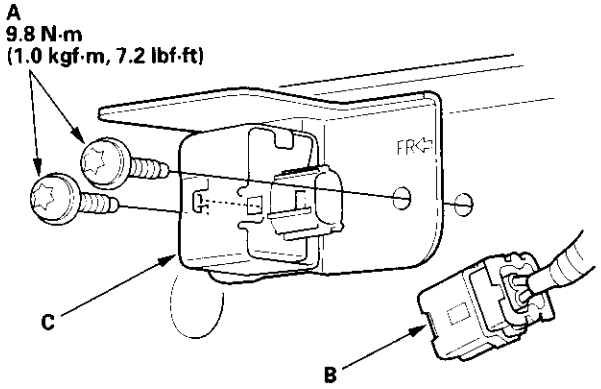
Removal

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Disconnect the driver's airbag 4P connector (see step 2 on page 23-21), the front passenger's airbag 4P connector (see step 3 on page 23-21), both seat belt tensioner 2P connectors (see step 5 on page 23-22), and both seat belt buckle 4P connectors (see step 6 on page 23-22).
3. Remove the front inner fender (see page 20-102).
4. Disconnect the engine compartment wire harness 2P connector (A), and remove the two Torx bolts (B) using a Torx T30 bit, then remove the front impact sensor (C).



Installation

1. Install the new front impact sensor with new Torx bolts (A), then connect the engine compartment wire harness 2P connector (B) to the front impact sensor (C).



2. Reconnect the battery negative cable.
3. After installing the front impact sensor, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.